

Under the Resource Management Act 1991 (**RMA**)
In the matter of an application by **Dunedin City Council** to develop a
Resource Recovery Park Precinct at Green Island, Dunedin.

Statement of evidence of Maurice Richard Dale

Planning

6 November 2024

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**anderson
lloyd.**

Qualifications and experience

- 1 My name is Maurice Richard Dale.
- 2 I hold the position of Senior Principal and Planner with the environmental consultancy firm Boffa Miskell Limited, based in the firm's Christchurch office. I have been employed by Boffa Miskell since 2010.
- 3 I hold a Bachelor of Resource and Environmental Planning from Massey University (1998). I am also a full member of the New Zealand Planning Institute, a member of the Resource Management Law Association, and am an accredited RMA hearing commissioner.
- 4 I have 26 years' experience working in New Zealand and the United Kingdom, in statutory and environmental planning, including environmental effects assessment, policy analysis, and plan preparation and administration.
- 5 I have acted on resource management issues and projects for local and central government, corporates, and private clients, covering a broad spectrum of natural and physical resource management issues in urban, rural, coastal, and marine environments.
- 6 I have extensive experience in the preparation of and assessment of resource consent applications and their associated assessment of effects under the Resource Management Act 1991 (RMA), including landfills, and proposals involving management of large-scale construction activity and interactions with air and freshwater quality, indigenous biodiversity, and mana whenua values.
- 7 I oversaw the preparation of the assessment of environmental effects (**AEE**) supporting the resource consent applications and have been the lead planner on the wider Waste Futures Programme of work, including on the separate applications for the Smooth Hill landfill, and replacement resource consents for the Green Island Landfill.

Code of conduct

- 8 I have read the Code of Conduct for Expert Witnesses in the Environment Court Practice Note 2023. This evidence has been prepared in accordance with it and I agree to comply with it. I have not omitted to consider material facts known to me that might alter or detract from the opinions expressed.

Scope of evidence

- 9 I have been asked to prepare planning evidence evaluating the proposal against the relevant RMA statutory provisions and documents. My evidence draws on the evaluation provided in the applications, and the evidence of other experts for DCC.
- 10 My evidence includes:
- (a) A brief description of the proposal.
 - (b) The relevant RMA planning documents, the applications made under those documents, and the activity status of the proposal;
 - (c) A brief description of aspects of the existing environment particularly relevant to the planning evaluation;
 - (d) A summary of the environmental effects of the proposal under s104(1)(a) and (ab), drawing on the expert evidence;
 - (e) An evaluation of the proposal against the provisions of the relevant planning documents under s104(1)(b) RMA;
 - (f) An evaluation against any relevant s104(a)(c) RMA 'other matters';
 - (g) Response to the matters raised in submissions as they relate to planning matters; and
 - (h) Discussion on the draft conditions of consent.
- 11 Throughout my evidence, I respond to matters raised in the Council s42A reports and evidence. An updated set of draft conditions based on those in Appendix A1 – A5 of the s42A report is attached to my evidence as **Attachment 1**.
- 12 In preparing my evidence, I have reviewed the following documents:
- (a) The Council requests for further information, and the applicant's responses to those requests;
 - (b) The Council section 95 RMA notification reports;
 - (c) All submissions received on the application;
 - (d) The Council s42A report and evidence;
 - (e) The evidence statements of all witnesses advising DCC; and

(f) Relevant local, regional, and national planning documents.

13 I have visited the Green Island site previously, most recently in April 2021.

Executive summary

14 The construction and operation of the RRPP requires resource consents from ORC under the NES-FW and relevant regional plans. The applications have a non-complying status for the purposes of assessment under section 104 of the RMA.

15 Based on the technical reports and expert evidence for DCC, and changes made to the draft conditions, I consider for the purposes of s104(1)(a) and (ab) RMA that the adverse effects of the proposal on the environment in relation to the matters that fall within the scope of the ORC consents will be *no more than minor* and acceptable. Furthermore, I consider that the RRPP will have positive effects with regard to supporting delivery of the wider Council Waste Futures programme and the diversion and more efficient processing of greater volumes of recycling and food and green waste.

16 I also consider for the purposes of s104(1)(b) RMA, that the resource consent applications will be largely *consistent* with the overall policy direction of the relevant planning documents, and particularly the higher order, contemporary, and settled directions of the NPS-FW, NPS-IB, ORPS, and P-ORPS. The proposal is not *contrary* to any provisions of those planning documents.

17 I consider appropriate regard has been given to s104(1)(c) RMA *'other matter's'* including alternative sites and methods, and consider the proposal broadly aligns with the NRMP. The proposal will also not be contrary to the s107 RMA restrictions on the granting of discharge permits (s107 RMA).

18 I consider the proposal will achieve the purpose and principles of Part 2 the RMA, as it accords with the enabling purpose in section 5 of the Act to promote the sustainable management of natural and physical resources, recognises and provides for relevant matters of national importance, has had regard to other relevant matters, and has taken into account the principles of the Treaty of Waitangi.

19 I have considered the submissions relevant to planning matters, and the s42A reports, and conclude that there are no reasons why the proposal could not be approved, subject to the updated draft conditions in **Attachment 1**.

The proposal

- 20 The proposal involves the construction and operation of a Resource Recovery Park Precinct (**RRPP**) at the existing Green Island Landfill (**GIL** or **landfill**). The proposed RRPP facilities are to be situated where the existing waste transfer and diversion facilities are located.
- 21 The new RRPP facilities are described in detail in the AEE and the evidence of **Mr Dolan**. In summary they include the following:
- (a) Organics Processing Facility (**OPF**) for the composting of shredded organic food and greenwaste. The OPF will comprise up to ten composting bunkers and an associated mechanical aeration system to facilitate and manage the composting process, and a compost maturation area.
 - (b) Materials Recovery Facility (**MRF**) comprising a building for the sorting and bailing of recyclable materials from the waste stream.¹
 - (c) Bulk Waste Transfer Station (**BWTS**) to replace the existing transfer station, comprising a building for the receipt and consolidation of non-hazardous general waste before it is transported to landfill for disposal.
 - (d) Construction and Demolition (**C&D**) Waste Sorting Pad comprising a concrete pad adjoining the BWTS for the unloading and sorting of C&D waste. Waste that cannot be recycled or reused will be transferred to the adjacent BWTS.
 - (e) Hazardous Waste Drop-Off, comprising a building for the receipt and storage of household hazardous substances.
 - (f) Glass Bunkers for the sorting and storage of glass (by colour).
- 22 Ancillary facilities to be developed include staff offices and facilities, an extended transport compound for waste collection trucks, car parking, internal access/service roads, and two truck wash bays. Other existing waste transfer and diversion facilities will also be improved and expanded, including facilities for the public drop-off of reusable material for the rummage store, and recyclable material (which will then be consolidated in the MRF).

¹ Paper, cardboard, aluminum and steel cans, and acceptable plastics.

- 23 The existing main site access, kiosk and weighbridge, education centre, rummage store, diverted materials storage areas, and Organics Receiving Building (**ORB**) will be retained.
- 24 The ORB was commissioned in July 2024. The ORB comprises a building for the shredding of organic food and garden waste collected from the kerbside and greenwaste received at the landfill.² Currently the shredded material is transported to Enviro NZ's site in Timaru for composting. This material will in future be composted at the completed OPF.
- 25 Proposed arrangements for the separate management of waste derived leachate, and stormwater are described in the evidence of **Ms Mains** and **Ms Wood**. In summary:
- (a) Leachate from the OPF bunkers and maturation area, glass bunkers, truck wash, C&D sorting pad, MRF, and BWTS will be contained and piped to the landfill's existing leachate collection system and Green Island Waste Treatment Plant (**GIWTTP**) for disposal. During high rainfall events, leachate from the OPF bunkers and maturation area will be stored in tanks to prevent the backflow of leachate to the leachate collection system and the receiving environment.
 - (b) Stormwater from buildings and impervious surfaces will be collected and conveyed to the landfill's existing *eastern sedimentation pond (ESP)* which discharges to the Kaikorai Stream, and the *northern leachate pond (NLP)* which discharges to the landfill leachate collection system and GIWTTP.³ During high rainfall events the northern leachate pond overflows to perimeter swales and the Kaikorai Stream.
- 26 Operation of the RRPP will occur in accordance with detailed procedures outlined in the draft Site Environmental Management Plan (**SEMP**), Stormwater Management Operation and Maintenance Plan (**SMOMP**), and Composting Facility Management Plan (**CFMP**). The CFMP is focussed on ensuring operation of the OPF occurs in a way which ensures there is no objectionable odour or dust received beyond the site. These plans will be finalised prior to operation to reflect any final consent conditions.

² The construction and operation of the ORB was authorised under the existing resource consents for the landfill and additional resource consents that were granted by ORC in August 2023 (ref RM23.571).

³ Following closure of the landfill, the northern leachate pond will be redirected to discharge to the Kaikorai Stream.

27 Construction of the RRPP will involve substantial earthworks including removal and disposal of contaminated soils (to the landfill), and dewatering. A draft Construction Environmental Management Plan (**CEMP**), Contaminated Land Management Plan (**CLMP**) and Erosion and Sediment Control Plan (**ESCP**) are proposed to manage effects during construction including soil contamination, odour, dust, erosion, sedimentation, and noise. These plans will be finalised prior to construction to reflect the confirmed construction methodology and any final consent conditions.

Resource consent applications for the RRPP

Resource consents required from ORC

28 I agree with the s42A report that resource consents are required for the project under the following planning documents:

- (a) Resource Management (National Environmental Standards for Freshwater) Regulations 2020 (**NES-FW**) which controls the diversion of water and discharges to water which affect *'natural wetlands'*.
- (b) Regional Plan: Waste for Otago (**RP-Waste**), which controls the disturbance of contaminated land, and discharge of contaminants to air associated with disturbance of contaminated land and composting activities.
- (c) Regional Plan: Water for Otago (**RP-Water**), which controls the diversion of surface water and discharge of stormwater to water.
- (d) Regional Plan: Air for Otago (**RP-Air**), which controls the discharges of contaminants to air associated with industrial and trade processes.

29 I agree with the description of the NES-FW and regional rules triggered by the project in the s42A report.⁴ The table below summarises my understanding of the consents required and applied for under the above planning documents, and their activity status.

| Consent and Duration Applied for | Relevant Documents and Rules | Activity Status |
|---|------------------------------|-----------------|
| Land use consent – to disturb contaminated land associated with | RP-Waste – rule 5.6.1(1) | Discretionary |

⁴ Section 5, s42A report.

| | | |
|--|---------------------------|--------------------------|
| construction of the RPPP (RM24.143.01). | | |
| Discharge consent – to discharge contaminants to air (landfill gas, odour and dust) from disturbance of contaminated land associated with the construction of the RRPP (RM24.143.02). | RP-Waste – rule 5.6.1(5) | Discretionary |
| Discharge consent – to discharge contaminants to air (odour and dust) from composting activities and from industrial and trade processes associated with the operation of the RRPP (R24.143.03). | RP-Waste – rule 7.6.13(3) | Discretionary |
| | RP-Air – rule 16.3.5.9 | Discretionary |
| Diversion of stormwater associated with the operation of the RRPP (RM24.143.04). | NES-FW – reg 54 | Non-Complying |
| | RP-Water – rule 12.3.4.1 | Discretionary |
| Discharge of stormwater to the Kaikorai Stream associated with the operation of the RPPP (RM24.143.05) | NES-FW – reg 54 | Non-Complying |
| | RP-Water – rule 12.B.3.1 | Restricted discretionary |

- 30 For completeness I note that no resource consents are required for the take and discharge of groundwater associated with construction dewatering. The take of less than 25,000 litres/per day of groundwater is a permitted activity under RP-Water rule 12.2.2.2.
- 31 As discussed in the evidence of **Ms Mains**, groundwater inflow rates of up to 0.2 litres/second are predicted requiring up to 17,280 litres per day of groundwater/leachate to be abstracted via dewatering. Any abstracted groundwater is to be discharged to the landfill's existing leachate collection system, rather than to surface water.
- 32 I agree with the s42A report, that the overall status of the applications is **non-complying** under the RMA.
- 33 A consent duration of 35 years was sought for all resource consents. The s42A report has recommended that resource consents RM24.143.01 and RM24.143.02 which authorise the construction of the RRPP are limited to

a 10-year term. I agree that a 10-year term is appropriate for those consents for the reasons outlined in the s42A report.⁵

- 34 Whilst they are separate from the applications for the RRPP, I note for context, that DCC separately applied for replacement resource consents for the operation, closure, and aftercare of the landfill in March 2023. A notification decision from ORC under sections 95A and 95B of the RMA is pending.
- 35 The RRPP applications have no relationship to the existing consents or applications for the landfill, with the exception that any monitoring of surface water quality from the discharge of stormwater from the RRPP to the Kaikorai Stream is to occur in accordance with the existing or replacement resource consent conditions for the landfill.⁶ This recognises that stormwater from the RRPP is proposed to be discharged via the same stormwater ponds utilised by the landfill.

Resource consents issued by DCC

- 36 The GIL site is designated in the Partially Operative Dunedin City District Plan (**2GP**) for the purpose of *landfilling and associated refuse processing operations and activities*.
- 37 Applications for an outline plan of works under the designation and resource consent for the disturbance of contaminated soils under the National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health (**NES-CL**) were submitted to DCC's consenting authority in parallel with the resource consent applications made to ORC.
- 38 DCC's consenting authority issued decisions on the outline plan of works and resource consent on the 19th of September 2024.⁷ No further resource consents are required from DCC for the RRPP.

The site and existing environment

- 39 The application site and existing environment are described in section 3.2 of the AEE, and specific aspects are further described in the evidence of the other experts for DCC.

⁵ Section 12, s42A report.

⁶ RM24.143.05 draft condition 11.

⁷ References OUT-2024-3 and LUC-2024-137.

- 40 I note the following aspects of the existing environment are particularly relevant to the evaluation of the proposal against the RMA and relevant planning documents:
- (a) As described in the s42A report, the landfill site is located within a polluted airshed for the purposes of the National Environmental Standard on Air Quality (**NES-AQ**).⁸
 - (b) As described in the Ecological Impact Assessment Report prepared by Boffa Miskell⁹, the terrestrial environments within the RRPP site are considered to have negligible ecological values. The adjacent Kaikorai Street and Estuary is identified as an Area of Significant Biodiversity Value in the 2GP and the estuary is a Regionally Significant Wetland in the RP-Water. They comprise significant indigenous vegetation and/or significant habitats under section 6(c) of the RMA. The stream is assessed as having moderate ecological values and the estuary as having high ecological values.
 - (c) As described in the Landscape Effects Assessment prepared by Boffa Miskell¹⁰, the existing level of natural character within the RRPP site is highly modified. Natural character of the adjacent Kaikorai Stream and Estuary is higher, particularly in regard to the birdlife that the estuary supports and scenic qualities present. The stream and estuary are assessed as having medium-low natural character.
 - (d) As described in the Cultural Impact Assessment prepared by Aukaka on behalf of Te Rūnanga o Ōtākou¹¹, the adjacent Kaikorai Stream and Estuary are identified as a wāhi tūpuna of cultural significance in the 2GP.
- 41 Activities that can be carried out as of right or with respect to future resource consents that have been granted (where it is likely they will be given effect to) form part of the existing and reasonably foreseeable future environment upon which effects of the proposal should be assessed.
- 42 In that regard, I note additional residential activities can also establish as a permitted activity in the adjacent 2GP General Residential Zone where they provide a minimum 400m² site per residential unit or a 500m² site for two

⁸ Section 6.3.6 s42A report

⁹ Appendix 7 of the AEE.

¹⁰ Appendix 6 of the AEE.

¹¹ Appendix 11 of the AEE.

residential units in the form of a duplex.¹² Potential exists for additional residential units to be developed on rural land recently rezoned General Residential 1 located on the corner of Brighton Road and Weir Street, south of the existing Clariton Avenue residential area.

Environmental effects (s104(1)(a) and (ab) RMA)

- 43 An assessment of environmental effects under section 104(1)(a) of the RMA is contained in section 6.0 of the AEE. Here I summarise the conclusions reached in the AEE and the expert evidence for DCC on the environmental effects and which respond to the remaining issues raised in the s42A reports, and submissions.
- 44 This summary focusses on the environmental effects that fall within the scope of the resource consents that have been applied for. In that regard, I note the following:
- (a) Landscape and visual effects from the buildings and facilities, noise and transport network effects site outside the scope of the consents required from, and applied for, from ORC – noting those consents relate solely to the disturbance of contaminated land, diversion of surface water, and discharges of contaminants to water and air.
 - (b) Landscape, visual, noise, and transport network effects are within the scope of, and were assessed through, the separate outline plan of works process.
 - (c) Whilst outside the scope of the ORC consents, DCC has volunteered several changes to the draft conditions of consent in response to noise related matters raised in submissions. These condition changes are discussed later in my evidence.

Land Contamination Effects

- 45 As described in the AEE, the RRPP is located in an area of historic waste placement at the landfill. Waste was placed through this area from the 1950s through to the late 1970s. An environmental investigation undertaken over the RRPP site by GHD in November 2021 identified the presence of a range of contaminants including heavy metals and total petroleum hydrocarbons (TPH).
- 46 The risk to workers, off-site receptors, and the wider environment during construction of the RRPP from contamination encountered during soil

¹² 2GP rule 15.5.2.1(a).

disturbance activities will be managed through the implementation of procedures and controls contained in the CLMP. This includes worker induction and health and safety controls, earthworks procedures, environmental controls (for dust, odour, erosion, sediment, and groundwater), monitoring, and procedures for discoveries of unexpected contamination. Notably, all excavated materials will immediately be disposed of at the adjacent landfill.

- 47 I note the evidence of **Ms Iles** attached to s42A report agrees the proposed controls and draft conditions are sufficient to manage the risk to human health and the environment.¹³

Air Quality Effects

- 48 The odour and dust effects of the RRPP during construction and operation are described in the evidence of **Mr Curtis**. Odour and dust effects have been assessed using the Frequency, Intensity, Duration, Offensiveness, Location (**FIDOL**) assessment tool, which considers meteorological data, the locations of sensitive receptors, odour observations at other waste transfer and composting facilities, and the proposed mitigations, including those in the draft SEMP and CFMP.
- 49 Based on the implementation of the proposed odour and dust mitigation measures, and observations at similar operations, Mr Curtis considers that there is a low potential for off-site odour and dust nuisance at nearby receptor locations. Furthermore, he does not anticipate increased cumulative off-site odour intensity or offensiveness from the RRPP and existing landfill operation. As the landfill nears closure, the completion of final capping in more areas is expected to reduce the release of odour, reducing any cumulative effects.
- 50 Mr Curtis disagrees with the s42A report conclusion that there *could be at least minor adverse (cumulative) odour effects* on specific receptors. He notes that the evidence of **Ms Freeman** agrees that there is a low likelihood of odours being characterised as offensive or objectionable off-site. Ms Freeman further considers that if any odours are detected they are likely to be weak, infrequent, and of short duration. Mr Curtis however considers it is his experience that it extremely unusual for the facilities of the type proposed to result in off-site effects.
- 51 Mr Curtis agrees with the changes made to the draft air discharge consent (RM24.143.03) conditions made by Ms Freeman. **Mr Dolan** has proposed

¹³ Appendix C, s42A report.

further changes to the draft conditions from an operational perspective, including changes to the limitations on the raw materials accepted for composting in draft condition 5, and changes to the data recording and annual reporting requirements in draft conditions 14(e), 19, 20, and 21. I have adopted the changes proposed by Mr Curtis and Mr Dolan in the draft conditions in **Attachment 1** to my evidence.

Effects on Groundwater and Surface Water Flows and Quality

52 The effects of the RRPP on groundwater and surface water flows and quality from construction, increased impervious surface coverage, RRPP generated leachate, and stormwater discharges during operation are described in the evidence of **Ms Mains** and **Ms Wood**. In summary they consider:

- (a) Based on groundwater modelling, Ms Mains considers construction dewatering is unlikely to draw groundwater from outside the landfill and RRPP footprint and therefore will not affect other distant groundwater users. Peak dewatering rates of up to 0.2 litres per second will be generated which are able to be accommodated by the leachate collection system for disposal. Depending on the time of year no dewatering may be required.
- (b) The establishment of increased impervious surfaces together with additional stormwater control measures will result in more rainfall runoff and less infiltration to the underlying landfill. Ms Mains considers that this will result in a corresponding decrease in infiltration to groundwater, landfill leachate generation, and a reduced requirement for pumping of leachate via the existing landfill leachate collection system and disposal to the GIWTP. This is considered a positive effect.
- (c) Ms Wood considers that the storage of leachate from the OPF bunkers and maturation area in tanks during high-rainfall events will avoid the backflow of leachate to the leachate collection trench and receiving environment.
- (d) Ms Wood considers that the proposed use of pre-treatment devices and existing stormwater ponds will ensure the quality of stormwater discharges from the RRPP site to the Kaikorai Stream will be of a similar quality than the current situation and may be improved.
- (e) Ms Wood considers the ESP has capacity to accommodate and attenuate the increased stormwater flows from the RRPP, such that

there will be no change in receiving water flood levels within the Kaikorai Stream.

- (f) Ms Wood considers the preparation and implementation of a CEMP and ESCP with the appointed contractor will ensure sediment generated by construction is managed on site.

53 I note the s42A report considers there will be no adverse effects on groundwater quality or quantity and less than minor adverse effects on surface water quality and quantity.¹⁴

Bird Hazard and Pest Effects

54 The effects of the RRPP for bird strike risk and aviation safety is described in the Bird Hazard Report, prepared by Avisure.¹⁵ The landfill site has a large population of Southern Black Backed Gulls (SBBG) attracted to putrescible wastes. Active management of the SBBG population at the landfill is already being addressed through the implementation of a SBBG Management Plan required as a condition of resource consent RM20.280.01 for the enablement of the new Smooth Hill landfill to ensure that any bird hazard effects for aviation safety are addressed.

55 Other measures have been incorporated into the design of the RRPP to limit the ability of SBBG and other birds to access putrescible waste. This includes the unloading and processing of all waste within enclosed MRF and BWTS buildings. As described by Avisure, the composting of processed organic waste in the open is not expected to attract birds. These measures will ensure the attraction of the RRPP to birds will be low and reduced compared to historical waste disposal practices at the site.

56 As described in the evidence of **Mr Dolan**, the monitoring and control of pests such as rodents will be undertaken by the contractor engaged on these same tasks for the wider landfill site. I discuss the submissions received regarding pest control later in my evidence.

57 I note the s42A report considers adverse bird hazard effects attributable to the RRPP have been appropriately addressed, and measures to monitor and control pests are reasonable.¹⁶

¹⁴ Sections 6.1.2.2 and 6.1.2.3, s42A report.

¹⁵ Appendix 8 of the AEE.

¹⁶ Sections 6.1.2.4 and 6.1.2.9 s42A report.

Ecological Effects

- 58 The effects of the RPPP on freshwater ecology of the adjacent Kaikorai Stream and Estuary receiving environment is described in the Ecological Impact Assessment Report prepared by Boffa Miskell.¹⁷ Based on **Ms Mains** and **Ms Wood's** assessments that construction dewatering is unlikely to draw groundwater from outside the landfill and RRPP footprint, and effects on the receiving environment from surface water runoff will be less than minor – Boffa Miskell consider that there will no adverse effect on freshwater ecological values of the stream and estuary.
- 59 I note the s42A report considers effects on aquatic ecology from the RRPP will be less than minor.¹⁸

Effects on Natural Character of Waterbodies

- 60 The effects of the RRPP on the natural character of the adjacent Kaikorai Stream is described in the Landscape Effects Assessment prepared by Boffa Miskell.¹⁹ Boffa Miskell consider that the adverse effects on the natural character of the stream will be very low due to the existing level of modification, the low profile and density of RRPP structures adjacent to the stream, and the maintenance of existing perimeter vegetation between the RRPP site and stream which is to be maintained and enhanced through the implementation of a proposed Vegetation Restoration Management Plan (**VRMP**).
- 61 I note the s42A report considers effects on natural character from the RRPP will be minor during construction and less than minor thereafter.²⁰

Effects on Mana Whenua Values

- 62 The effects of the RRPP on mana whenua values is addressed through the written approval to the resource consent applications provided by Aukaka on behalf of Te Rūnanga o Ōtākou.²¹ That written approval is contingent on DCC adopting the applicable recommendations of the Cultural Impact Assessment²².

¹⁷ Appendix 7 of the AEE.

¹⁸ Section 6.1.2.3, s42A report.

¹⁹ Appendix 6 of the AEE.

²⁰ Section 6.1.2.5, s42A report

²¹ Appendix 10 of the AEE.

²² Appendix 11 of the AEE.

- 63 Mitigations and conditions of consent have been volunteered on the RRPP resource consent applications which ensure Te Rūnanga o Ōtākou's aspirations to incorporate mana whenua values and restore mahika kai and biodiversity values consistent with the Cultural Impact Assessment are provided for. Those include:
- (a) Ensuring reviews of the SEMP occur in consultation with Te Rūnanga o Ōtākou.
 - (b) Implementation of erosion and sediment controls during construction to minimise sediment generation and runoff from the site.
 - (c) The separate management of leachate and stormwater, and ongoing operation and maintenance of stormwater systems.
 - (d) Management of spills of fuel, oil, leachate, or other contaminants.
 - (e) Comprehensive leachate, groundwater and surface water level and quality monitoring, analysis, and reporting.
 - (f) Preparation and implementation of the VRMP in consultation with Te Rūnanga o Ōtākou, which provides for restoration of ecological values, provision of habitat for taoka species, and rebalancing of mauri.
- 64 As written approval has been provided, I note ORC must not have regard to any effects on by Te Rūnanga o Ōtākou when considering the application.²³

Social and Economic Effects

- 65 The evidence of **Ms Graham** and **Mr Henderson** describes how the establishment of RRPP sites fits within the context of the wider Waste Futures Programme. The RRPP will support delivery of the programme by facilitating the diversion and more efficient processing of greater volumes of recycling as well as food and green waste, contributing to the social and economic wellbeing of Dunedin.
- 66 The social impacts of the RRPP are described in the Social Impact Assessment prepared by GHD.²⁴ GHD consider development of the RRPP will have moderate positive benefits to regional and district communities through facilitating implementation of the Waste Futures Programme,

²³ Section 104(3)(a)(ii) RMA.

²⁴ Appendix 15 of the AEE.

including reducing carbon emissions and diverting waste from the landfill. Adverse effects on the local community are considered minor given the RRPP is proposed within an existing operational landfill site, and the proposed mitigation measures, including those in relation to odour and dust.

Summary of Effects Assessment

- 67 The technical reports and expert evidence for DCC, considers that the RRPP will be constructed and operated in a way that will ensure that there is a low potential for off-site odour and dust nuisance to be experienced at nearby receptors, bird attraction is low, pests are managed, leachate is separately managed and disposed of, and adverse effects on the Kaikorai Stream and Estuary from surface water runoff will be of a low magnitude.
- 68 No adverse effects on freshwater ecological values are expected, and effects on the natural character of the Kaikorai Stream are expected to be very low. Cultural aspirations identified through the Cultural Impact Assessment will be provided for as confirmed by the written approval from Te Rūnanga o Ōtākou, and proposed mitigations will ensure adverse social impacts will be minor.
- 69 Recognising the above, I consider the adverse effects of the proposal on the environment in relation to the matters that fall within the scope of the ORC consents will be *no more than minor* and acceptable, and further consider that the RRPP will have positive effects with regard to supporting delivery of the wider Council Waste Futures programme and the diversion and more efficient processing of greater volumes of recycling and green waste.

Assessment against the relevant planning documents matters (s104(1)(b) RMA)

- 70 An assessment against the relevant planning documents that fall within the scope of the resource consents applied for under section 104(1)(b) of the RMA is contained in section 7.0 of the AEE. I agree with the s42a report that the following planning documents are relevant in respect of the applications:
- (a) National Policy Statement for Freshwater Management 2020 (**NPS-FW**).
 - (b) National Policy Statement for Indigenous Biodiversity 2023 (**NPS-IB**).
 - (c) New Zealand Coastal Policy Statement 2010 (**NZCPS**).

- (d) National Environmental Standards for Sources of Human Drinking Water 2007 (**NES-DW**)
- (e) National Environmental Standard for Freshwater 2020 (**NES-FW**).
- (f) National Environmental Standards for Air Quality 2004 (**NES-AQ**).
- (g) Operative Regional Policy Statement 2019 (**ORPS**).
- (h) Proposed Otago Regional Policy Statement 2021 (**P-ORPS**).
- (i) Otago Regional Plan: Waste 1997 (**RP-Waste**).
- (j) Otago Regional Plan: Water 2004 (**RP-Water**).
- (k) Otago Regional Plan: Air 1998 (**RP-Air**).

71 I note the current regional plans in particular pre-date and do not yet fully give effect to the higher order policy contained in the NPS-FW, NPS-IB, ORPS, and P-ORPS. Furthermore, while the P-ORPS is intended to replace the ORPS, parts of the P-ORPS remain subject to High Court or Environment Court appeals that are yet to be resolved. I consider this results in a highly fragmented policy framework which results in conflicting and therefore uncertain policy direction against which to assess the project.

72 Recognising that I consider:

- (a) more weight should be given to the higher order, contemporary and settled directions of the NPS-FW, NPS-IB, ORPS, and P-ORPS, rather than the outdated regional plans, and
- (b) more weight should be given to those provisions in the P-ORPS that are beyond appeal over the equivalent provisions in the ORPS, and
- (c) more weight should be given to the ORPS where the equivalent provisions in the P-ORPS remain subject to appeal, except where those P-ORPS provisions clearly align with the higher order settled directions of the NPS-FW and NPS-IB.

73 The s42A report contains an assessment of the applications to ORC against the planning documents.²⁵ On the basis of that assessment, the s42a report concludes:

²⁵ Section 6.3, s42A report

- (a) The proposal is *consistent* with the relevant objectives and policies of the NPS-FW, NZCPS, and NPS-IB.
- (b) Regulation 7 and 8 of the NES-DW do not preclude the granting of consent and there is no requirement under regulations 11 and 12 to place an emergency notification condition on the discharge of stormwater permit.
- (c) Regulation 17 of the NES-AQ does not preclude the granting of consent, specifically the proposal will not contribute to any increase in PM₁₀ concentrations beyond the site boundary.
- (d) The proposal is *consistent* or *partially consistent* with the relevant objectives and policies of the ORPS, P-ORPS, RP-Waste, RP-Water, and RP-Air, with the exception that it is *inconsistent*, but not *contrary* to, P-ORPS policy AIR-P1.

74 I agree with the above conclusions of the s42A report, with the exception of the differences discussed in my evidence that follows.

Significant Natural Areas under NPS-IB

75 The s42a report notes that no areas subject to the application have been identified as a significant natural area (**SNA**). While I agree there are no SNAs identified within the RRPP site, the adjacent Kaikorai Stream and Estuary receiving environment for stormwater discharges from the RRPP site is defined as an Area of Significant Biodiversity Value in the 2GP, and the estuary is a Regionally Significant Wetland in the RP-Water. Consequently, they have the status of SNAs as defined by the NPS-IB.²⁶

76 Notwithstanding their status as SNAs, the Ecological Impact Assessment completed by Boffa Miskell, concludes the proposal is not expected to result in any adverse effects on freshwater ecological values of the stream and estuary, including within SNAs. On that basis, I therefore agree with the s42A report that the proposal is consistent with the objectives and relevant policies of the NPS-IB. Those areas identified as SNAs will be protected by avoiding or managing adverse effects from the RRPP development, so there is no overall loss of indigenous biodiversity consistent with policy 7 and objective 2.1.

Consistency with Regional Planning Document Provisions for Managing Air

²⁶ Section 1.6, NPS-IB

- 77 The s42A report considers the proposal to be *partially consistent* or *inconsistent* with the following air quality provisions of the regional planning documents:
- (a) *Partially consistent* with objective 3.1 and policy 3.1.6 of the ORPS.
 - (b) *Partially consistent* with objectives AIR-O1 and O2, *inconsistent* with policy AIR-P1, and *partially inconsistent* with policies AIR-P3, P4, and P6 of the P-ORPS.
 - (c) *Partially consistent* with objective 6.1.2, and policy 8.2.8 of the RP-Air.
- 78 Those conclusions are founded on the view expressed in the s42A report that there *could be at least minor adverse (cumulative) odour effects* on specific receptors. The s42A report also considers there may be adverse effects on mana whenua values from the discharge to air.
- 79 As discussed earlier in my evidence, Mr Curtis disagrees with that conclusion and notes that the evidence of Ms Freeman agrees that there is a low likelihood of odours being characterised as offensive or objectionable off-site. Ms Freeman further considers that if any odours are detected they are likely to be weak, infrequent, and of short duration. Mr Curtis however considers it is his experience that it extremely unusual for the facilities of the type proposed to result in off-site effects.
- 80 Recognising the low (but not impossible) likelihood of off-site odour occurring, and the weak, infrequent, short duration nature of odours in the unlikely event they were to occur, I consider:
- (a) Air quality will be managed to generally maintain good ambient air quality that supports human health and maintain amenity values such that the proposal is largely, but not fully, *consistent* with ORPS policy 3.1.6 and objective 3.1.
 - (b) Adverse effects on ambient air quality will be no more than minor to maintain good ambient air quality, amenity will not generally be adversely affected, and offensive, objectionable, noxious, or dangerous effects and effects on mana whenua values will generally be avoided such that the proposal is largely, but not fully, *consistent* with P-ORPS policies AIR-P1, P3, P4, and P6 and objectives AIR-O1 and O2.
 - (c) Discharges from the BWTS and MRF to air which are controlled by the RP-Air, and that are noxious, dangerous, offensive, or

objectionable on the surrounding local environment will generally be avoided, such that the proposal is largely, but not fully, *consistent* with RP-Air policy 8.2.8, and objective 6.1.2.

Summary

- 81 Based on my assessment, I consider the ORC resource consent applications will be largely, but not fully, *consistent* with the various provisions of the relevant planning documents, and in particular the higher order, contemporary, and settled directions of the NPS-FW, NPS-IB, ORPS, and P-ORPS.
- 82 While the proposal will not be fully consistent, that conclusion is based on their being a low (but not impossible) likelihood of off-site odour occurring. I consider, the proposal will not be contrary to any provisions of the planning documents, that could weigh against the granting of consent.

Other relevant matters (s104(1)(c) RMA)

- 83 I consider that the provisions of the Kāi Tahu ki Otago Natural Resources Management Plan 2005 (**NRMP**), and alternative sites and methods are relevant '*other matters*' to be considered under s104(1)(c) RMA.

Consideration of the NRRP

- 84 The s42A report considers the proposal will be consistent with the provisions of the NRRP. I agree with that assessment. Mitigations and conditions of consent have been volunteered on the RRPP resource consent applications which ensure Te Rūnanga o Ōtākou's aspirations to incorporate mana whenua values and restore mahika kai and biodiversity values consistent with the Cultural Impact Assessment are provided for in a way that achieves the objectives and policies of the NRRP.

Consideration of Alternatives

- 85 On the basis of my assessment of the effects above, I do not consider the proposal will result in any significant adverse effects, such that assessment of alternatives under section 104(1)(c) (and 105(1)(c)) RMA is warranted.
- 86 Notwithstanding this, as described in the evidence of **Mr Henderson**, a site options evaluation was undertaken to identify the best location for the RRPP. That evaluation is outlined in the Site Options Report prepared by GHD.²⁷ Following assessment, the GIL site was preferred for the

²⁷ Appendix 18 of the AEE.

establishment of the RRPP due to DCC's existing ownership of the site, the existing designation enabling the activity, the environmental effects likely being acceptable, and technical and operational efficiencies that could be achieved through co-location with the existing landfill and proximity and accessibility to the community it serves. Other sites were too remote or had land ownership and environmental and consenting constraints which would be difficult to overcome.

Consideration of the gateway test for non-complying activities (s104D RMA)

- 87 The s42A report considers that the proposal will have adverse cumulative odour effects on specific persons that could be *more than minor*, and therefore considers that one of the gateway tests under s104D requiring adverse effects to be *no more than minor* will not be met.
- 88 While only one of the gateway tests needs to be met for consent to be granted, based on my assessments above which relies on the other expert evidence for DCC, I consider all adverse effects of the proposal will be *no more than minor* and the proposal is *not contrary* to the objectives and policies of the relevant planning documents. Consequently, I consider that both tests under s104D of the RMA are met.

Matters relating to discharges (s105 and s107 RMA)

- 89 I have considered s105(1)(c) regarding any possible alternative methods of discharge in the context of s104 '*other matters*' above, and don't repeat that assessment here.
- 90 S107 RMA provides that a consent authority must not grant a discharge permit, if after reasonable mixing, the contaminant or water discharges are likely to give rise to various effects in the receiving waters, including (among others) any conspicuous change in the colour or visual clarity. Based on the evidence of Ms Wood that effects on the on the receiving environment from surface water runoff will be less than minor, I consider that the discharge of stormwater from the RRPP will not result in any such effects on the Kaikorai Stream and Estuary.

Purpose and principles of sustainable management (Part 2 RMA)

- 91 In the decision *RJ Davidson Family Trust v Marlborough District Council* [2018] NZCA 316 the Court of Appeal reconfirmed the pre-eminence of Part II matters in the consideration of resource consents. In particular, the Court of Appeal held in *Davidson* that the High Court erred in holding that the Environment Court was not able or required to consider Part 2 of the RMA. That is, recourse to Part 2 is retained in appropriate situations.

- 92 In this instance where the planning framework (i.e. NPS-FW, NPS-IB, NZCPS, ORPS, P-ORPS, RP-Water, RP-Waste, and RP-Air) has been introduced at separate times and with a different emphasis, it is unclear whether a coherent environmental outcome is completely provided for in the planning documents for the consents sought. Accordingly, out of caution, I have considered Part 2. This is intended to assist the overall evaluation of the proposal, to assess the merits and reach a fair appraisal.
- 93 On the basis of my assessment above, the proposal will enable Dunedin's future waste management needs to be met and consequently will support social and economic well-being, and health of the community. It will do this in a way that sustains the potential of natural and physical resources; safeguards their life supporting capacity; and avoids, remedies, and mitigates adverse effects on the environment. Accordingly, it accords with the enabling purpose in section 5 of the Act to promote the sustainable management of natural and physical resources.
- 94 In regard to section 6 'matters of national importance', the proposal '*recognises and provides for*' the preservation of the natural character of the wetlands and rivers; and protection of areas of significant indigenous vegetation and fauna. It also recognises and provides for the relationship of Māori with ancestral lands, waters, and taonga. In regard to section 7 '*other matters*', the proposal has had particular regard to and will support the efficient use and development of natural and physical resources, and the maintenance of the quality of the environment and amenity values.
- 95 Section 8 of the Act requires the principles of the Treaty of Waitangi to be '*taken into account*'. Kāi Tahu cultural values (including mauri, whakapapa, and mahika kai), customary uses, relationships to resources, areas of significance, and protection of wāhi tupuna identified in the CIA have been taken into account.
- 96 Given the above, I consider the proposal will achieve the purpose and principles of Part 2 RMA.

Response to matters raised in submissions

- 97 The submissions of H & J Neil, H & G Helm, J Aerakis, C Bignall, and H Murray consider effective vermin control is required and/or a vermin control programme should be established with monitoring results provided to neighbouring residents. As outlined in the evidence of **Mr Henderson**, DCC has agreed to the preparation and implementation of a Pest Management Plan, including reporting of results to adjoining residential neighbours on a

quarterly basis. I have included such a condition in the draft conditions in **Attachment 1**.²⁸

- 98 The submissions of H & J Neil and H & G Helm have also raised issues relating to visual effects from buildings, loss of sunlight/shading, and noise which are not caused by/are unrelated to the consents required from, and applied for, from ORC, and have been considered through the separate outline plan of works process.
- 99 Notwithstanding this, as outlined in the evidence of **Mr Henderson**, DCC has engaged with the submitters to address their concerns as far as practicable and has volunteered additional changes to the draft consent conditions to address issues raised. Engagement is ongoing at the time of filing this evidence.
- 100 The volunteered changes are included in the draft conditions **Attachment 1** and are highlighted in **grey shading**. They include:
- (a) Limiting construction activities to between 7.00am to 6.00pm Monday to Saturday (inclusive); and that no work may occur outside of these times, or on public holidays, except when 48 hours notice is given to adjoining residential properties, or where particular special circumstances apply.²⁹
 - (b) Within 1 month following full operation of all RRPP facilities commencing, conducting noise monitoring to confirm whether the operation of the RRPP complies with the designation noise limits in the Partially Operative Dunedin City District Plan, and the remedying the cause of any exceedance of the limits.³⁰
 - (c) Requiring the annual report to be provided to adjoining residential neighbors.³¹

Proposed conditions

- 101 As referred to throughout my evidence, the draft conditions attached to the s42A report have been updated and are included as **Attachment 1**. I note

²⁸ Draft general condition 25.

²⁹ Draft general condition 19.

³⁰ Draft general condition 24.

³¹ Draft general condition 29.

the following additional amendments to the draft proposed conditions that have been made:

- (a) Deletion of the reference to *within or within 100m of a natural inland wetland* in the purpose of the diversion of stormwater (RM24.143.04) and discharge of stormwater (RM24.143.05) consents, on the basis that there is no need to specify the rule trigger for consent in the consent purpose, noting also that the requirement for consent is triggered under both the NES-FW and RP-Water.
- (b) Deletion of condition 4 in the discharge of stormwater consent (RM24.143.05) on the basis that sediment, odour, dust, and disposal of waste and contaminated soils during construction is managed by the conditions of the disturbance of contaminated land consent (RM24.143.01).
- (c) Amendment of the timeframes for certification of management plans and design information in general condition 4(c) and (e) from 10 working days to 20 working days on the basis that additional time may be required for certification given the complexity of some information, including the design of the biofilter.
- (d) Correcting and standardising the names of various management plans so that it is consistent with the naming of those documents in the resource consent application.

Conclusion

102 Overall, I consider based on the technical assessments and DCC's expert evidence, the updated draft conditions, and my evaluation of the relevant RMA provisions for these applications, that:

- (a) The environmental effects of the proposal will be *no more than minor* and acceptable given the proposed measures to manage adverse effects, and positive effects will be generated (s104(1)(a), (ab) RMA);
- (b) The proposal overall will be largely *consistent* with the provisions of the relevant national and regional statutory planning documents (s104(1)(b) RMA);
- (c) Appropriate regard has been given to '*other matters*' including alternative sites and methods, and the proposal broadly aligns with the NRMP (s104(1)(c) RMA));
- (d) Both tests under s104D of the RMA that applies to the consideration of non-complying activities are met;

- (e) The proposal is not contrary to the restrictions on the granting of discharge permits (s107 RMA); and
- (f) The proposal will achieve the purpose and principles of Part 2 the RMA.

103 I have considered the submissions relevant to planning matters, and the s42A reports, and conclude that there are no reasons why the proposal could not be approved, subject to the updated draft conditions in **Attachment 1**.

A handwritten signature in blue ink, appearing to be 'M. Dale', written in a cursive style.

Maurice Richard Dale

6 November 2024

ATTACHMENT 1 – UPDATED DRAFT CONDITIONS

Our Reference: 999859517-20597

Consent No. RM24.143.01

LAND USE CONSENT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Dunedin City Council

Address: 50 The Octagon Dunedin, Dunedin

To disturb a contaminated site for construction of the Resource Recovery Park Precinct.

For a term expiring **for a 10-year term exact date TBC**

Location of consent activity: Green Island Landfill, located at 9,114, 140, and 170 Brighton Road, Green Island

Legal description of consent location:

- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District and Section 54 and 63 Block VII and Section 119 Block VII Dunedin & East Taieri Survey District
 - OT11B/1241
- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District
 - OT368/19
- 9 Brighton Road
 - Section 1 Survey Office Plan 24047
 - OT15C/1016
- 9 Brighton Road
 - Lot 6-7 Deposited Plan 572543 and Section 1 Survey Office Plan 24040
 - 1040235
- 9 Brighton Road
 - Part Section 120 Dunedin & East Taieri Survey District and Part Section 53 Block VII Dunedin & East Taieri Survey District and Closed Road intersecting Sections 86,87,98,102 and 103 Block V Lower Kaikorai Survey District
 - OT16D/1193
- 9 Brighton Road
 - Section 103 Block V Lower Kaikorai Survey District and Part Section 85-87, 98 Block V and Part Section 99-101 Block V and Part Section 102 Block V Lower Kaikorai Survey District
 - OT16D/1194
- 9 Brighton Road
 - Lot 2, 4 Deposited Plan 572543 and Lot I Deposited Plan 20826
 - 1040233

114 Brighton Road

- Part Section 38-40, Part Section 44 and Part Section 156 Green Island Bush Survey District

- OT7C/934

140 Brighton Road

- Part Lot 4 Deposited Plan 4550

- OT12C/261

170 Brighton Road

- Lot I Deposited Plan 20582

- OT12C/262

170 Brighton Road

- Section 81 Block VII Dunedin & East Taieri Survey District

- OT15A/266

Map Reference of approximate E1399447 N4913122
midpoint of RRPP (NZTM2000):

Conditions

Specific

1. Under section 125 of the Resource Management Act 1991, this consent lapses five years after the date of commencement of the consent unless:
 - a) The consent is given effect to; or
 - b) The Consent Authority extends the period after which the consent lapses.
2. This consent is also subject to the General Conditions in Schedule 1 – General Conditions Relevant to All Consents. In the event of differences or conflict between the General Conditions and the conditions of this consent, the conditions of this consent prevail.
3. The disturbance of contaminated soil during construction works must be carried out in accordance with the Green Island Resource Recovery Precinct Draft Contaminated Land Management Plan (CLMP), prepared by GHD and dated 16 February 2024 that was submitted in support of the application.
4. The CLMP may be amended at any time. Any amendments must be:
 - a) For the purpose of improving the efficacy of the contaminated site management procedures; and
 - b) Consistent with the conditions of this resource consent.
5. Any updated versions of the CLMP must be submitted to Otago Regional Council for recertification in accordance with general condition 4.

6. The Consent Holder must ensure that the Otago Regional Council is provided with an electronic copy of the most current and complete version of the CLMP at all times.
 7. All contaminated soils must be removed from site and disposed of within the Green Island landfill or other approved facility. Soil must not be reused during construction works.
 8. All areas of contaminated land disturbance, including but not limited to the disturbance of landfill waste material, must be designed and managed to ensure that any overland stormwater flow and stormwater infiltration to land is captured and discharged into the landfill leachate collection system.
 9. Sediment generation and runoff from the construction of the RRPP and into receiving waterbodies must be minimised as far as practicable. Best practice stormwater, erosion and sediment control management measures must be implemented during construction, which ensure:
 - a) The area of soil surfaces exposed at any one time is minimised;
 - b) Sediment laden stormwater is directed to the landfill leachate collection system
 - c) Temporary measures such as silt fences, sediment traps and temporary cover and stabilisation are installed to minimise the transport of sediment from exposed soil surfaces; and
 - d) Areas where earthworks activities are undertaken are progressively stabilised with vegetation or other means as soon as practicable upon completion.
- Note to Consent Holder: for the purpose of this condition, best practice erosion and sediment control is the Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region 2016 (Auckland Council Guideline Document GD2016/005).*
10. No less than 10 working days prior to the commencement of disturbance activity, the Consent Holder must notify the Otago Regional Council in writing of the commencement date of works and provide photographs of the areas where work is to be undertaken. Photographs must be in colour and no smaller than 200 x 150 millimetres in size and be in JPEG form.
 11. The Consent Holder must forward copies of the results of any water, soil, or air analyses undertaken as a result of the exercise of this consent to the Otago Regional Council within 10 working days of receiving the results.
 12. The Consent Holder must notify the Otago Regional Council in writing of the completion of the disturbance works no less than 10 working days following the completion of works and must provide photographs of the areas where work has been undertaken. Photographs must be in colour and be no smaller than 200 x 150 millimetres in size and be in JPEG form.

13. Within three months of the completion of the works the Consent Holder must provide the Otago Regional Council with a Site Validation Report (SVR), prepared by a suitably qualified and experienced practitioner and in accordance with Contaminated Land Management Guideline No 1. The SVR should contain sufficient detail to address the following matters:
- a) Summary of the works undertaken;
 - b) The location and dimensions of the excavations carried out, including a relevant site plan;
 - c) Records of any unexpected contamination encountered during the works, including GPS coordinates, if applicable;
 - d) A summary of sampling (if any) and analysis undertaken for validation sampling, and for unexpected contamination (if applicable), tabulated analytical results including laboratory transcripts, and interpretation of the results in the context of the relevant soil guideline values;
 - e) Copies of disposal dockets for material removed from site, if any; and
 - f) Details regarding any complaints received by the Consent Holder and/or breaches of the procedures set out in the CLMP or Construction Environmental Management Plan (CEMP).

Issued at Dunedin this day of

Name

Decision maker

Schedule 1 – General Conditions Relevant to All Consents

1. The construction and operation of the RRPP (including all associated discharges of contaminants to land, water and air) must be undertaken in general accordance with the following documents, except where modified by other conditions of this consent. In the event of differences or conflict between the contents of the documents and the conditions, the conditions must prevail:
 - a) Waste Futures – Green Island - Design and Operations Report by GHD dated February 2023
 - b) Green Island Resource Recovery Precinct Stormwater Management Plan and Assessment of Effects by GHD dated 19 February 2024
 - c) Waste Futures - Green Island Resource Recovery Precinct - Groundwater Technical Assessment by GHD dated 23 February 2024
 - d) Green Island Resource Recovery Precinct Draft Contaminated Land Management Plan by GHD dated 16 February 2024
 - e) Site Environmental Management Plan by Enviro NZ dated February 2024

- f) Draft Construction Environmental Management Plan by GHD dated 12 January 2024
 - g) Erosion and Sediment Control Plan by GHD dated 28 February 2024
 - h) Draft Stormwater Management Operation and Maintenance Plan by GHD dated 28 February 2024
 - i) Draft Composting Facility Management Plan by Enviro NZ dated February 2024
 - j) Green Island Resource Recovery Precinct Landscape Effects Assessment by Boffa Miskell dated 16 February 2024
 - k) Green Island Landfill Resource Recovery Precinct Ecological Assessment Report by Boffa Miskell dated 12 February 2024
 - l) Bird Hazard Report by Avisure dated February 2024
 - m) Draft Southern Black Backed Gull (SBBG) Management Plan by Avisure dated November 2023.
 - n) Affected Party Approval letter by Aukaha dated 14 March 2024.
 - o) Green Island Resource Recovery Precinct Air Quality Assessment by Pattle Delamore Partners dated January 2024
 - p) Waste Futures - Green Island Resource Recovery Precinct - Integrated Transport Assessment by GHD dated 28 February 2024
 - q) Green Island Resource Recovery Precinct Assessment of Acoustic Effects by GHD dated 27 February 2024
 - r) Waste Futures – Resource Recovery Park Precinct - Interim Social Impact Assessment by GHD dated 15 March 2024.
 - s) Resource Recovery Processing Precinct Site Options Assessment by GHD dated 20 October 2022
2. An alternative design or methodology to that proposed in the consent documents specified in general condition 1 may be used if:
- a) The adverse effects of the activity are demonstrated by the Consent Holder to be the same or less than the consented design or methodology; and
 - b) The alternative design or methodology has been provided under general condition 4 to the Otago Regional Council and certification is obtained from the Otago Regional Council; or
 - c) The alternative design or methodology has been incorporated into the Operations Management Plan under general condition 5 or any other management plan and provided to the Otago Regional Council and certification is obtained from the Otago Regional Council.
3. These resource consents and a copy of the Otago Regional Council certified version of any management plan and design details required by these consents must be kept on site at all times, and the Consent Holder must ensure all relevant personnel are made aware of each document's contents.

Certification Process

4. The Consent Holder must follow the process set out below for any plans, documents, designs or specifications (hereafter referred to as 'documents') requiring the certification of an officer of the Otago Regional Council:
- a) Documents requiring certification must be submitted to the relevant officer in electronic and hard copy form for certification. The certification process must be confined to confirming that the documents adequately give effect to the relevant condition(s).

- b) Subject to (c) and (e) below, works to which the documents relate must not commence until the Consent Holder has received written certification from the relevant officer.
- c) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of submission under (a) above, the documents must be deemed to be certified.
- d) If the relevant officer's response is that they are not able to certify the documents they must provide the Consent Holder with reasons and recommendations for changes to the documents in writing. The Consent Holder must consider any reasons and recommendations of the relevant officer and resubmit amended documents for certification.
- e) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of resubmission under (d) above, the documents must be deemed to be certified.
- f) If the relevant officer's response is that they are still not able to certify the resubmitted documents, then the Consent Holder must nevertheless implement the resubmitted documents with a notation that certification of them has not occurred. This condition must not apply to the certification of the biofilter design required by general condition 17(d).
- g) Certified documents may be amended at the request of the Consent Holder at any time subject to recertification undertaken in accordance with general condition 4(a) to (f) with references in those clauses to certification to be read as recertification.

Site Environmental Management Plan

- 5. The operation of the RRPP must be undertaken in accordance with an Site Environmental Management Plan (SEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
- 6. The Operations Management Plan must be based upon the draft plan prepared by Enviro NZ submitted in support of the application, and must address how the following matters will meet any requirements, limits, or restrictions set out by the conditions of the resource consents:
 - a) Leachate and stormwater management.
 - b) Erosion and sediment controls during construction and operation.
 - c) Types of organics to be accepted for compost processing and those that are prohibited.
 - d) Organics acceptance control and monitoring the types of waste accepted.
 - e) Odour and dust management.
 - f) Noise management.
 - g) Litter management.
 - h) Plant and animal pest management, including bird control.
 - i) Monitoring procedures, including locations, parameters, and frequency
 - j) Building and infrastructure inspections and maintenance.
 - k) Fire preparedness and response management.
 - l) Emergency management and contingency response procedures.
 - m) Complaints response procedures.
 - n) Record-keeping and reporting requirements.

7. Prior to commencement of operations at the RRPP, the Consent Holder must submit a final SEMP to the Otago Regional Council. The final plan must be prepared in consultation with Te Rūnanga o Ōtākou to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of operations to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with general condition 4.
8. By 1 July each year the Consent Holder must, in consultation with Te Rūnanga o Ōtākou, complete a review of the SEMP required by general condition 5 to ensure that the management practices contained within them remain adequate to ensure compliance with the conditions of these consents. If amendments are made to a management plan, the amended plan must be submitted to the Otago Regional Council for recertification in accordance with general condition 4.
9. The Consent Holder may make amendments to the SEMP required by general condition 5 at any time. Any amendments must be made in consultation with Te Rūnanga o Ōtākou and submitted to the Otago Regional Council for recertification in accordance with general condition 4.
10. The Consent Holder must appoint and retain an appropriately qualified and experienced person to supervise the operation of the RRPP.

Construction Environmental Management Plan

11. The construction of the RRPP must be undertaken in accordance with a final Construction Environmental Management Plan (CEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
12. The CEMP must be based upon the CEMP and Contaminated Land Management Plan (CLMP) prepared by GHD submitted in support of the application, and must address the following (as a minimum):
 - a) Administrative Requirements
 - i. Weekly site inspections
 - ii. Monthly environmental reporting
 - iii. Independent audit by Suitably Qualified and Experienced Person
 - iv. Notification and management of environmental incidents
 - v. Records and registers
 - vi. Environmental roles and responsibilities of personnel (including nomination of Principal Contractor)
 - vii. Relevant contact information of those onsite and managing the construction or earthwork activities onsite; and
 - viii. Site induction
 - b) Operational Requirements
 - i. Erosion and sediment control measures
 - ii. Any soil, water, or air quality monitoring including sampling locations
 - iii. Contaminated land management
 - iv. Odour and dust management
 - v. Landfill gas management

- vi. Archaeological and cultural heritage
 - vii. Chemical and fuel management
 - viii. Handling and disposal procedures for contaminated material encountered during the activity.
- c) Sufficient detail to address the following matters:
- i. Specific erosion and sediment control works (locations, dimensions, capacity etc);
 - ii. Supporting calculations and design drawings.
 - iii. Catchment boundaries and contour information.
 - iv. Details of construction methods.
 - v. Timing and duration of construction and operation of control works including traffic management.
 - vi. Contingency measures to address any unexpected or accidental discoveries of contamination or discharges identified at the site, which must include assessment by a suitably qualified and experienced person.
 - vii. Measures to avoid silt and/or sediment tracking onto roads and then to water for the duration of the earthworks, such as:
 - Providing stabilised entry and exit point(s) for vehicles
 - Providing wheel wash facilities
 - Cleaning road surfaces using street-sweepers immediately where sediment has been tracked onto the road
 - viii. Details relating to the management of exposed areas
 - ix. Landscape rehabilitation
 - x. Soil, air quality, groundwater and/or surface water monitoring requirements.
13. Prior to commencement of construction of the RRPP, the Consent Holder must submit a final CEMP to Otago Regional Council. The final plan must be prepared to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of construction to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with general condition 4.
14. The Consent Holder must submit an updated CEMP to Otago Regional Council when:
- a) The construction program moves from one stage to another or
 - b) Any significant changes have been made to the construction methodology since the original plan was accepted; or
 - c) There has been an environmental incident and investigations have found that the management measures are inadequate.
15. Any updated versions of the CEMP must be submitted to Otago Regional Council for recertification in accordance with general condition 4.
16. The Consent Holder must ensure that Otago Regional Council is provided with an electronic copy of the most current and complete version of the CEMP at all times.

Design and Construction

17. Within 15 working days prior to commencing the construction of any:
- a) Any building within the RRPP;

- b) Leachate collection system, for direct discharge to pump stations;
- c) Stormwater collection, treatment and discharge system; and
- d) Biofilter for the aerated static pile bunkers;

the Consent Holder must submit a design report with specifications and design drawings to the Otago Regional Council for review to assess that they have been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice, and certification in accordance with general condition 4.

18. When completed, the works specified in general condition 17 must be confirmed by a suitably experienced Chartered Professional Engineer (CPEng) that they have been completed in accordance with the design certified by the Otago Regional Council. A Construction Quality Assurance (CQA) report must be prepared and submitted by the Consent Holder to the Otago Regional Council within 3 months following completion of the works specified in general condition 17.

19. Construction activities must be limited to between 7.00am to 6.00pm Monday to Saturday (inclusive). No work may occur outside of these times, or public holidays, except:
- a) Works may occur outside these times from Monday to Saturday (inclusive) for the purposes of undertaking concrete pours, and where at least 48 hours notice is provided to all adjoining residential properties.
 - b) Works may occur outside these times where they are required to mitigate environmental effects or protect public health and safety.

Vegetation Management and Planting

20. A Vegetation Management and Restoration Management Plan (VMRP) must be prepared by a suitably qualified person within six months of the granting of this consent. The purpose of the Plan is to manage the health and long term-replacement of the existing screening vegetation on the site and implement visual screening with the objective of ensuring the RRPP facilities are integrated into the surrounding landscape, visual effects are minimised and existing views of Pukemakamaka/Saddle Hill are maintained. The Plan must be developed in accordance with the recommendations contained in the Green Island Resource Recovery Precinct Landscape Effects Assessment, Boffa Miskell dated Feb 2024 and in consultation with Te Rūnanga o Ōtākou. As a minimum the Plan must include:
- a) A survey of the health of the existing trees.
 - b) Routine monitoring and maintenance of the existing trees to promote their health and long-term stability.
 - c) Long-term post closure actions for the replacement of the existing trees, incorporating eco-sourced native species to enhance natural character, landscape, and amenity values, and their ongoing maintenance.
 - d) Additional planting of the south-east bund, and along the north-east perimeter.
 - e) A detailed programme of works, including timeframes for implementation, including early implementation of planting on the south-east bund within the first planting season following the granting of consent.
 - f) Key responsibilities of onsite personnel.
 - g) A review process that includes adjoining residential neighbours, Te Rūnanga o Ōtākou and Otago Regional Council.

21. The Vegetation Management and Restoration Plan must be submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with general condition 4.
22. The Vegetation Restoration Management Plan certified under general condition 4 must be implemented in accordance with the timeframes specified in the Plan and maintained on an ongoing basis by the Consent Holder.

Building Finishes

23. All buildings must be finished in neutral colours (e.g Karaka Green) with a reflectivity value of less than 30% RV for walls and 20% RV for roofs in accordance with the plans and elevations submitted in support of the application. The neutral colour palette must be selected in consultation with Te Rūnanga o Ōtākou and must complement the surrounding landscape and natural character.

Noise Monitoring

24. Within 1 month following full operation of all RRPP facilities commencing, the Consent Holder must conduct noise monitoring to confirm whether the operation of the RRPP complies with the designation noise limits in the Partially Operative Dunedin City District Plan.
 - a) The monitoring must be carried out by a suitably qualified and independent acoustic practitioner, and at times of the day and night when there is the highest potential for noise to be generated.
 - b) The consent holder must investigate the cause of any noise that exceeds the noise limits and remedy the cause as soon as practicable.
 - c) A report describing the results of the noise monitoring and any changes made to the operation of the RRPP to achieve compliance with the noise limits must be provided to adjoining residential properties, and the Otago Regional Council within 1 month of the completion of the noise monitoring.

Pest Management

25. A Pest Management Plan (PMP) must be prepared within 6 months of the granting of this consent. The purpose of the Plan is to eradicate mammalian pests (rodents and mustelids), and feral cats within the RRPP site as far as practicable. As a minimum the plan must include:
 - a) Detailed pest management practices and procedures, including eradication methods.
 - b) Pest monitoring, including provision for reporting results to adjoining residential neighbours on a quarterly basis.
 - c) Key responsibilities of on-site personnel.
 - d) A plan review process.

26. The PMP must be provided to adjoining residential neighbours and then submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with General Condition 4.
27. The PMP certified under General Condition 4 must be implemented on an ongoing basis during the operation of the RRPP by the Consent Holder.

Complaints

28. A complaint management, investigation and reporting system must be maintained by the Consent Holder during construction and operation of the RRPP to record the receipt and management of complaints received about the operation, including those regarding odour or dust. The following details must be recorded:
 - a) Type, date, and time of complaint;
 - b) Name and address of complainant (if available);
 - c) Location from which the complaint arose;
 - d) Wind direction at the time of complaint (if relevant);
 - e) The likely cause of the complaint;
 - f) The action taken as a result of the complaint; and
 - g) The response to the complainant.

The complaints record must be made available to the Otago Regional Council (with any personal information held redacted) on request.

Annual Monitoring Report

29. The Consent Holder must compile an annual monitoring report on the operation of the RRPP, including:
 - a) The status of RRPP construction and operation;
 - b) Any non-compliance with the conditions of these consents or difficulties in achieving the practices and procedures in the Operations Management Plan which have arisen in the preceding year and the measures taken to address them;
 - c) Any emergency management procedures and contingency response procedures specified in the Operations Management Plan that were implemented during the preceding year;
 - d) Collated summaries of and analysis of all data required under these consents, including:
 - i. The material brought onto the site for the manufacture of compost;
 - ii. The operation of the Organics Processing Facility (OPF), including the operational parameters of the composting bunkers, biofilter, and maturation windrows.
 - iii. The results of odour monitoring, including all field monitoring record sheets.
 - iv. Interpretation of the data, particularly with regard to OPF performance.
 - e) Assessment of any complaints received.
 - f) Mitigation and corrective measures initiated in response to monitoring.

The report must be forwarded to adjoining residential neighbours, Te Rūnanga o Ōtākou and Otago Regional Council by 1 October each year unless an alternative date is agreed in writing with the Otago Regional Council. The Consent Holder must make the report publicly available on the Dunedin City Council website.

Review of Conditions

30. Pursuant to Section 128 of the Resource Management Act 1991 the Otago Regional Council may within six months of the anniversary date of these resource consents each year serve notice of its intention to review the conditions of these consents for the purposes of:
- a) Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent;
 - b) Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans and the Otago Regional Policy Statement;
 - c) Ensuring the waste acceptance criteria conditions of this consent are consistent with applicable Ministry for the Environment and Environmental Protection Authority guidance, standards and notices, including for emerging contaminants;
 - d) Reviewing the requirements and frequency of monitoring and reporting required under this consent; or
 - e) Requiring the adoption of the best practicable option to reduce any adverse effect on the environment.

Advice notes

1. *'RRPP' means Resource Recovery Park Precinct.*
2. *'Site' means all land within the Green Island Landfill designation boundary.*
3. *'Stormwater' means water running off from any impervious surface such as roads, carparks, roofs, as well as any other surface run-off that is collected and/or intercepted.*
4. *'leachate' means water containing contaminants from waste recovery and disposal.*

Our Reference: 999859517-20599

Consent No. RM24.143.02

DISCHARGE PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Dunedin City Council

Address: 50 The Octagon Dunedin, Dunedin

To discharge landfill gas and dust to air associated with the disturbance of a contaminated site for construction of the Resource Recovery Park Precinct.

For a term expiring **for a 10 year-term exact date TBC**

Location of consent activity: Green Island Landfill, located at 9,114, 140, and 170 Brighton Road, Green Island

Legal description of consent location:

- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District and Section 54 and 63 Block VII and Section 119 Block VII Dunedin & East Taieri Survey District
 - OT11B/1241
- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District
 - OT368/19
- 9 Brighton Road
 - Section 1 Survey Office Plan 24047
 - OT15C/1016
- 9 Brighton Road
 - Lot 6-7 Deposited Plan 572543 and Section 1 Survey Office Plan 24040
 - 1040235
- 9 Brighton Road
 - Part Section 120 Dunedin & East Taieri Survey District and Part Section 53 Block VII Dunedin & East Taieri Survey District and Closed Road intersecting Sections 86,87,98,102 and 103 Block V Lower Kaikorai Survey District
 - OT16D/1193
- 9 Brighton Road
 - Section 103 Block V Lower Kaikorai Survey District and Part Section 85-87, 98 Block V and Part Section 99-101 Block V and Part Section 102 Block V Lower Kaikorai Survey District
 - OT16D/1194
- 9 Brighton Road
 - Lot 2, 4 Deposited Plan 572543 and Lot I Deposited Plan 20826

- 1040233
114 Brighton Road
- Part Section 38-40, Part Section 44 and Part Section 156
Green Island Bush Survey District
- OT7C/934
140 Brighton Road
- Part Lot 4 Deposited Plan 4550
- OT12C/261
170 Brighton Road
- Lot I Deposited Plan 20582
- OT12C/262
170 Brighton Road
- Section 81 Block VII Dunedin & East Taieri Survey District
- OT15A/266

Map Reference of approximate E1399447 N4913122
midpoint of RRPP (NZTM2000):

Conditions

Specific

1. Under section 125 of the Resource Management Act 1991, this consent lapses five years after the date of commencement of the consent unless:
 - a) The consent is given effect to; or
 - b) The Consent Authority extends the period after which the consent lapses.
2. This consent is also subject to the General Conditions in Schedule 1 – General Conditions Relevant to All Consents. In the event of differences or conflict between the General Conditions and the conditions of this consent, the conditions of this consent prevail.
3. There must be no odour or dust beyond the boundary that is noxious, dangerous, offensive or objectionable in the opinion of an authorised officer of the Otago Regional Council.

Advice note: the determination of an offensive or objectionable effect must take into account the FIDOL factors and be made based on the guidance provided in Section 4.1.1 and Table 6 of the Ministry for the Environment Good Practice Guide for Assessing and Managing Odour (2016).

4. The activities authorised by this consent must only be exercised in conjunction with Land Use Consent RM24.143.01.

Issued at Dunedin this day of

Name

Decision maker

Schedule 1 – General Conditions Relevant to All Consents

1. The construction and operation of the RRPP (including all associated discharges of contaminants to land, water and air) must be undertaken in general accordance with the following documents, except where modified by other conditions of this consent. In the event of differences or conflict between the contents of the documents and the conditions, the conditions must prevail:
 - a) Waste Futures – Green Island - Design and Operations Report by GHD dated February 2023
 - b) Green Island Resource Recovery Precinct Stormwater Management Plan and Assessment of Effects by GHD dated 19 February 2024
 - c) Waste Futures - Green Island Resource Recovery Precinct - Groundwater Technical Assessment by GHD dated 23 February 2024
 - d) Green Island Resource Recovery Precinct Draft Contaminated Land Management Plan by GHD dated 16 February 2024
 - e) Site Environmental Management Plan by Enviro NZ dated February 2024
 - f) Draft Construction Environmental Management Plan by GHD dated 12 January 2024
 - g) Erosion and Sediment Control Plan by GHD dated 28 February 2024
 - h) Draft Stormwater Management Operation and Maintenance Plan by GHD dated 28 February 2024
 - i) Draft Composting Facility Management Plan by Enviro NZ dated February 2024
 - j) Green Island Resource Recovery Precinct Landscape Effects Assessment by Boffa Miskell dated 16 February 2024
 - k) Green Island Landfill Resource Recovery Precinct Ecological Assessment Report by Boffa Miskell dated 12 February 2024
 - l) Bird Hazard Report by Avisure dated February 2024
 - m) Draft Southern Black Backed Gull (SBBG) Management Plan by Avisure dated November 2023.
 - n) Affected Party Approval letter by Aukaha dated 14 March 2024.
 - o) Green Island Resource Recovery Precinct Air Quality Assessment by Pattle Delamore Partners dated January 2024
 - p) Waste Futures - Green Island Resource Recovery Precinct - Integrated Transport Assessment by GHD dated 28 February 2024
 - q) Green Island Resource Recovery Precinct Assessment of Acoustic Effects by GHD dated 27 February 2024
 - r) Waste Futures – Resource Recovery Park Precinct - Interim Social Impact Assessment by GHD dated 15 March 2024.
 - s) Resource Recovery Processing Precinct Site Options Assessment by GHD dated 20 October 2022
2. An alternative design or methodology to that proposed in the consent documents specified in general condition 1 may be used if:

- a) The adverse effects of the activity are demonstrated by the Consent Holder to be the same or less than the consented design or methodology; and
 - b) The alternative design or methodology has been provided under general condition 4 to the Otago Regional Council and certification is obtained from the Otago Regional Council; or
 - c) The alternative design or methodology has been incorporated into the Operations Management Plan under general condition 5 or any other management plan and provided to the Otago Regional Council and certification is obtained from the Otago Regional Council.
3. These resource consents and a copy of the Otago Regional Council certified version of any management plan and design details required by these consents must be kept on site at all times, and the Consent Holder must ensure all relevant personnel are made aware of each document's contents.

Certification Process

4. The Consent Holder must follow the process set out below for any plans, documents, designs or specifications (hereafter referred to as 'documents') requiring the certification of an officer of the Otago Regional Council:
- a) Documents requiring certification must be submitted to the relevant officer in electronic and hard copy form for certification. The certification process must be confined to confirming that the documents adequately give effect to the relevant condition(s).
 - b) Subject to (c) and (e) below, works to which the documents relate must not commence until the Consent Holder has received written certification from the relevant officer.
 - c) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of submission under (a) above, the documents must be deemed to be certified.
 - d) If the relevant officer's response is that they are not able to certify the documents they must provide the Consent Holder with reasons and recommendations for changes to the documents in writing. The Consent Holder must consider any reasons and recommendations of the relevant officer and resubmit amended documents for certification.
 - e) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of resubmission under (d) above, the documents must be deemed to be certified.
 - f) If the relevant officer's response is that they are still not able to certify the resubmitted documents, then the Consent Holder must nevertheless implement the resubmitted documents with a notation that certification of them has not occurred. This condition must not apply to the certification of the biofilter design required by general condition 17(d).
 - g) Certified documents may be amended at the request of the Consent Holder at any time subject to recertification undertaken in accordance with general condition 4(a) to (f) with references in those clauses to certification to be read as recertification.

Site Environmental Management Plan

5. The operation of the RRPP must be undertaken in accordance with an Site Environmental Management Plan (SEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
6. The Operations Management Plan must be based upon the draft plan prepared by Enviro NZ submitted in support of the application, and must address how the following matters will meet any requirements, limits, or restrictions set out by the conditions of the resource consents:
 - a) Leachate and stormwater management.
 - b) Erosion and sediment controls during construction and operation.
 - c) Types of organics to be accepted for compost processing and those that are prohibited.
 - d) Organics acceptance control and monitoring the types of waste accepted.
 - e) Odour and dust management.
 - f) Noise management.
 - g) Litter management.
 - h) Plant and animal pest management, including bird control.
 - i) Monitoring procedures, including locations, parameters, and frequency
 - j) Building and infrastructure inspections and maintenance.
 - k) Fire preparedness and response management.
 - l) Emergency management and contingency response procedures.
 - m) Complaints response procedures.
 - n) Record-keeping and reporting requirements.
7. Prior to commencement of operations at the RRPP, the Consent Holder must submit a final SEMP to the Otago Regional Council. The final plan must be prepared in consultation with Te Rūnanga o Ōtākou to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of operations to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with general condition 4.
8. By 1 July each year the Consent Holder must, in consultation with Te Rūnanga o Ōtākou, complete a review of the SEMP required by general condition 5 to ensure that the management practices contained within them remain adequate to ensure compliance with the conditions of these consents. If amendments are made to a management plan, the amended plan must be submitted to the Otago Regional Council for recertification in accordance with general condition 4.
9. The Consent Holder may make amendments to the SEMP required by general condition 5 at any time. Any amendments must be made in consultation with Te Rūnanga o Ōtākou and submitted to the Otago Regional Council for recertification in accordance with general condition 4.
10. The Consent Holder must appoint and retain an appropriately qualified and experienced person to supervise the operation of the RRPP.

Construction Environmental Management Plan

11. The construction of the RRPP must be undertaken in accordance with a final Construction Environmental Management Plan (CEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
12. The CEMP must be based upon the CEMP and Contaminated Land Management Plan (CLMP) prepared by GHD submitted in support of the application, and must address the following (as a minimum):
 - a) Administrative Requirements
 - i. Weekly site inspections
 - ii. Monthly environmental reporting
 - iii. Independent audit by Suitably Qualified and Experienced Person
 - iv. Notification and management of environmental incidents
 - v. Records and registers
 - vi. Environmental roles and responsibilities of personnel (including nomination of Principal Contractor)
 - vii. Relevant contact information of those onsite and managing the construction or earthwork activities onsite; and
 - viii. Site induction
 - b) Operational Requirements
 - i. Erosion and sediment control measures
 - ii. Any soil, water, or air quality monitoring including sampling locations
 - iii. Contaminated land management
 - iv. Odour and dust management
 - v. Landfill gas management
 - vi. Archaeological and cultural heritage
 - vii. Chemical and fuel management
 - viii. Handling and disposal procedures for contaminated material encountered during the activity.
 - c) Sufficient detail to address the following matters:
 - i. Specific erosion and sediment control works (locations, dimensions, capacity etc);
 - ii. Supporting calculations and design drawings.
 - iii. Catchment boundaries and contour information.
 - iv. Details of construction methods.
 - v. Timing and duration of construction and operation of control works including traffic management.
 - vi. Contingency measures to address any unexpected or accidental discoveries of contamination or discharges identified at the site, which must include assessment by a suitably qualified and experienced person.
 - vii. Measures to avoid silt and/or sediment tracking onto roads and then to water for the duration of the earthworks, such as:
 - Providing stabilised entry and exit point(s) for vehicles
 - Providing wheel wash facilities
 - Cleaning road surfaces using street-sweepers immediately where sediment has been tracked onto the road
 - viii. Details relating to the management of exposed areas
 - ix. Landscape rehabilitation
 - x. Soil, air quality, groundwater and/or surface water monitoring requirements.

13. Prior to commencement of construction of the RRPP, the Consent Holder must submit a final CEMP to Otago Regional Council. The final plan must be prepared to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of construction to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with general condition 4.
14. The Consent Holder must submit an updated CEMP to Otago Regional Council when:
 - a) The construction program moves from one stage to another or
 - b) Any significant changes have been made to the construction methodology since the original plan was accepted; or
 - c) There has been an environmental incident and investigations have found that the management measures are inadequate.
15. Any updated versions of the CEMP must be submitted to Otago Regional Council for recertification in accordance with general condition 4.
16. The Consent Holder must ensure that Otago Regional Council is provided with an electronic copy of the most current and complete version of the CEMP at all times.

Design and Construction

17. Within 15 working days prior to commencing the construction of any:
 - a) Any building within the RRPP;
 - b) Leachate collection system, for direct discharge to pump stations;
 - c) Stormwater collection, treatment and discharge system; and
 - d) Biofilter for the aerated static pile bunkers;

the Consent Holder must submit a design report with specifications and design drawings to the Otago Regional Council for review to assess that they have been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice, and certification in accordance with general condition 4.

18. When completed, the works specified in general condition 17 must be confirmed by a suitably experienced Chartered Professional Engineer (CPEng) that they have been completed in accordance with the design certified by the Otago Regional Council. A Construction Quality Assurance (CQA) report must be prepared and submitted by the Consent Holder to the Otago Regional Council within 3 months following completion of the works specified in general condition 17.

19. Construction activities must be limited to between 7.00am to 6.00pm Monday to Saturday (inclusive). No work may occur outside of these times, or public holidays, except:
 - a) Works may occur outside these times from Monday to Saturday (inclusive) for the purposes of undertaking concrete pours, and where at least 48 hours notice is provided to all adjoining residential properties.
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20. A Vegetation Management and Restoration Management Plan (VMRP) must be prepared by a suitably qualified person within six months of the granting of this consent. The purpose of the Plan is to manage the health and long term-replacement of the existing screening vegetation on the site and implement visual screening with the objective of ensuring the RRPP facilities are integrated into the surrounding landscape, visual effects are minimised and existing views of Pukemakamaka/Saddle Hill are maintained. The Plan must be developed in accordance with the recommendations contained in the Green Island Resource Recovery Precinct Landscape Effects Assessment, Boffa Miskell dated Feb 2024 and in consultation with Te Rūnanga o Ōtākou. As a minimum the Plan must include:
- A survey of the health of the existing trees.
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 - A detailed programme of works, including timeframes for implementation, including early implementation of planting on the south-east bund within the first planting season following the granting of consent.
 - Key responsibilities of onsite personnel.
 - A review process that includes adjoining residential properties, Te Rūnanga o Ōtākou and Otago Regional Council.
21. The Vegetation Management and Restoration Plan must be submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with general condition 4.
22. The Vegetation Restoration Management Plan certified under general condition 4 must be implemented in accordance with the timeframes specified in the Plan and maintained on an ongoing basis by the Consent Holder.

Building Finishes

23. All buildings must be finished in neutral colours (e.g Karaka Green) with a reflectivity value of less than 30% RV for walls and 20% RV for roofs in accordance with the plans and elevations submitted in support of the application. The neutral colour palette must be selected in consultation with Te Rūnanga o Ōtākou and must complement the surrounding landscape and natural character.

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24. Within 1 month following full operation of all RRPP facilities commencing, the Consent Holder must conduct noise monitoring to confirm whether the operation of the RRPP complies with the designation noise limits in the Partially Operative Dunedin City District Plan.

- a) The monitoring must be carried out by a suitably qualified and independent acoustic practitioner, and at times of the day and night when there is the highest potential for noise to be generated.
- b) The consent holder must investigate the cause of any noise that exceeds the noise limits and remedy the cause as soon as practicable.
- c) A report describing the results of the noise monitoring and any changes made to the operation of the RRPP to achieve compliance with the noise limits must be provided to adjoining residential properties, and the Otago Regional Council within 1 month of the completion of the noise monitoring.

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25. A Pest Management Plan (PMP) must be prepared within 6 months of the granting of this consent. The purpose of the Plan is to eradicate mammalian pests (rodents and mustelids), and feral cats within the RRPP site as far as practicable. As a minimum the plan must include:
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The complaints record must be made available to the Otago Regional Council (with any personal information held redacted) on request.

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- a) The status of RRPP construction and operation;
 - b) Any non-compliance with the conditions of these consents or difficulties in achieving the practices and procedures in the Operations Management Plan which have arisen in the preceding year and the measures taken to address them;
 - c) Any emergency management procedures and contingency response procedures specified in the Operations Management Plan that were implemented during the preceding year;
 - d) Collated summaries of and analysis of all data required under these consents, including:
 - i. The material brought onto the site for the manufacture of compost;
 - ii. The operation of the Organics Processing Facility (OPF), including the operational parameters of the composting bunkers, biofilter, and maturation windrows.
 - iii. The results of odour monitoring, including all field monitoring record sheets.
 - iv. Interpretation of the data, particularly with regard to OPF performance.
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 - f) Mitigation and corrective measures initiated in response to monitoring.

The report must be forwarded to adjoining residential neighbours, Te Rūnanga o Ōtākou and Otago Regional Council by 1 October each year unless an alternative date is agreed in writing with the Otago Regional Council. The Consent Holder must make the report publicly available on the Dunedin City Council website.

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- a) Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent;
 - b) Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans and the Otago Regional Policy Statement;
 - c) Ensuring the waste acceptance criteria conditions of this consent are consistent with applicable Ministry for the Environment and Environmental Protection Authority guidance, standards and notices, including for emerging contaminants;
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 - e) Requiring the adoption of the best practicable option to reduce any adverse effect on the environment.

Advice notes

1. 'RRPP' means Resource Recovery Park Precinct.

2. *'Site' means all land within the Green Island Landfill designation boundary.*
3. *'Stormwater' means water running off from any impervious surface such as roads, carparks, roofs, as well as any other surface run-off that is collected and/or intercepted.*
4. *'leachate' means water containing contaminants from waste recovery and disposal.*

Our Reference: 999859517-20616

Consent No. RM24.143.03

DISCHARGE PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Dunedin City Council

Address: 50 The Octagon Dunedin, Dunedin

To discharge contaminants to air from composting activities and from industrial and trade processes directly associated with the operation of the Resource Recovery Park Precinct

For a term expiring for a **35 year-term exact date TBC**

Location of consent activity: Green Island Landfill, located at 9,114, 140, and 170 Brighton Road, Green Island

Legal description of consent location:

- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District and Section 54 and 63 Block VII and Section 119 Block VII Dunedin & East Taieri Survey District
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- 9 Brighton Road
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 - OT368/19
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- 9 Brighton Road
 - Part Section 120 Dunedin & East Taieri Survey District and Part Section 53 Block VII Dunedin & East Taieri Survey District and Closed Road intersecting Sections 86,87,98,102 and 103 Block V Lower Kaikorai Survey District
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- 9 Brighton Road
 - Section 103 Block V Lower Kaikorai Survey District and Part Section 85-87, 98 Block V and Part Section 99-101 Block V and Part Section 102 Block V Lower Kaikorai Survey District
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- OT12C/262
170 Brighton Road
- Section 81 Block VII Dunedin & East Taieri Survey District
- OT15A/266

Map Reference of approximate E1399447 N4913122
midpoint of RRPP (NZTM2000):

Conditions

Specific

1. Under section 125 of the Resource Management Act 1991, this consent lapses five years after the date of commencement of the consent unless:

The consent is given effect to; or

The Consent Authority extends the period after which the consent lapses.

2. This consent is also subject to the General Conditions in Schedule 1 – General Conditions Relevant to All Consents. In the event of differences or conflict between the General Conditions and the conditions of this consent, the conditions of this consent prevail.
3. An automatic weather station that continuously and accurately records wind speed and direction, temperature, relative humidity, and rainfall must be operated, and maintained on the site. The weather station must be serviced and calibrated by a suitably qualified and experienced technician at least annually to ensure accurate monitoring. Data recorded by the weather station must be provided to the Otago Regional Council in electronic format upon request.
4. There must be no odour beyond the boundary that is noxious, dangerous, offensive or objectionable in the opinion of an authorised officer of the Otago Regional Council.

Advice note: the determination of an offensive or objectionable effect must take into account the FIDOL factors and be made based on the guidance provided in Section 4.1.1 and Table 6 of the Ministry for the Environment Good Practice Guide for Assessing and Managing Odour (2016).

5. The raw materials used in the manufacture of compost must be limited to organic waste. This is limited to:
 - a) All food waste;
 - b) All air and animal hair;
 - c) All garden waste except flax, cabbage tree, and palm tree leaves.
6. The amount of raw material received on the site for the production of compost must not exceed 30,000 tonnes per year, of which no more than 20,000 tonnes per annum may be used for the production of compost in the OPF. Any excess raw material must be shredded and removed from the site.
7. No storage of raw material containing food waste must occur outside of the Organics Receiving Building (ORB).
8. No raw material containing food waste must be stored on site for more than 72 hours prior to shredding and composting.
9. Following receipt of raw shredded material in the Organics Receiving Building (ORB), the material must be either moved for composting off site at another authorised facility or moved for initial composting to the aerated static pile bunkers. The composting facility must contain a maximum of ten aerated static pile bunkers.
10. The ratio of C:N (carbon to nitrogen) must be within the range of 25:1 to 40:1 at the start of composting in the aerated static pile bunkers, based upon the ratio of food to garden waste in accordance with Table 3 of the draft Composting Facility Management Plan submitted in support of the application.
11. Material within the aerated static pile bunkers must:
 - a) Be capped with a minimum of 300 mm of unscreened mature compost; and
 - b) Remain within the aerated static pile bunkers for a minimum of 21 days; and
 - c) Achieve a solvita score of 6 before being removed from the bunkers.
12. Active aeration of the aerated static pile bunkers must be adjusted as necessary to ensure that material remains in an aerobic state at all times.
13. Temperature within the aerated static pile bunkers must be maintained at a minimum of 55°C for a minimum of three days during composting.
14. The aerated static pile system must be operated in accordance with the manufacturers recommendations. A biofilter must be used to treat odour during all negative aeration operation. The biofilter must be designed, constructed, operated and maintained to

- ensure:
- a) A design empty bed residence time of 30 seconds;
 - b) A media depth of no less than 0.9 metres;
 - c) An even distribution of air flow through a uniform media bed;
 - d) An operating pH in the range 5 – 9; and
 - e) A filter medium that is visibly damp below the surface and with a moisture content 40 - 60% on a wet weight basis.
15. Following initial composting as detailed by conditions 9 to 14, composting material must be moved to curing windrows for a minimum of 21 days. Windrows must be approximately eight to ten metres across at the base and not more than four metres high.
 16. The Consent Holder must ensure that where possible, compost operations (such as moving material between bunkers) is undertaken at times which are least likely to cause objectionable odour effects on neighbours, with consideration given to wind speed and direction.
 17. Leachate from the bunkers, curing area and biofilter must not be allowed to pond and must be collected and discharged to the pumping stations for the landfill leachate collection system or irrigated onto composting material in the bunkers.
 18. The compacted fill hardstand that comprises all working areas of the OPF site including bunkers, the composting curing area and areas for vehicle circulation must be cleaned of compacted compost material when required as part of regular maintenance.
 19. The Consent Holder must record the following information:
 - a) The date and volume of any raw material brought onto the site for the manufacture of compost on a daily basis; and
 - b) Whether a bunker is in positive or negative or no aeration status,
 - c) The temperature within each operational aerated static pile,
 - d) when bunker loading/unloading operations occur, and when bunker-to-bunker transfers occur.

The specific materials and method of recording must be done in accordance with the Composting Facility Management Plan required under Condition 21. Copies of these records must be made available to the Otago Regional Council upon request and additionally as part of the Annual Report required by General Condition 29, except the information in General condition 19(b) and (c).

20. The Consent Holder must monitor and record the operational parameters of the biofilter referred to in condition 14 including:
 - a) Continuous instrumental monitoring of the temperature and pressure of inlet air to the biofilter;
 - b) Weekly visual and olfactory assessment of the condition of the biofilter media;
 - c) Weekly monitoring of the biofilter media temperature;
 - d) Three-monthly monitoring of the pressure drop across the biofilter media;
 - e) A gravimetric determination of biofilter medium moisture content by taking a representative sample on a monthly basis for the first 6 months operation then six monthly thereafter; and
 - f) Monthly monitoring of the pH of the biofilter media.
 - g) This information must be provided to Otago Regional Council upon request and additionally as part of the Annual Report required by General Condition 29, except the information in General Condition 21(a).
21. The Operation of the OPF must be undertaken in accordance with a Composting Facility Management Plan (CFMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
22. The CFMP must be based on the draft composting facility management plan prepared by EnviroNZ submitted in support of the application, and must address the following:
 - a) describing measures to be undertaken to achieve compliance with the conditions of this consent; and
 - b) a detailed description of the compost operation, including hours of operation; and
 - c) acceptable raw material, unacceptable raw material, site access and security; and
 - d) a description of activities that may generate odour, and measures in place to avoid, remedy or mitigate odour discharges; and
 - e) a description of how the leachate and stormwater collection system will operate, including when and how collected leachate will be pumped off site for disposal to land; and
 - f) measures for biofilter monitoring and data recording keeping, in accordance with condition 20; and

- g) biofilter maintenance methods and schedule, including protocols for biofilter media replacement; and
 - h) methods of recording whether a bunker is in positive or negative or no aeration status, when loading/unloading operations at the bunkers occur, and when bunker-to-bunker transfers occur; and
 - i) methods of incorporating weather monitoring as a trigger for site operations, including emptying of bunkers and transfer of materials between bunkers and/or stockpiles, in accordance with condition **Error! Reference source not found.**; and
 - j) methods of odour monitoring in accordance with condition 24; and
 - k) the means of receiving, recording in writing, and dealing with any complaints; and
 - l) a list of site management structure and responsibilities; and
 - m) a list of after-hours contact details in case of any emergency of problems; and
 - n) contingency plans in the event of system malfunctions or breakdowns; and
 - o) procedures for effective pasteurisation of compost in accordance with Appendix K of New Zealand Standard 4454:2005.
23. Prior to commencement of operations at the composting facility, the Consent Holder must submit a final CFMP to the Otago Regional Council. The final plan must be prepared to achieve the conditions of this resource consent and provided to Otago Regional Council at least 15 working days prior to commencement of operations to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with General Condition 4.
24. The Consent Holder must conduct odour field inspections to confirm the effectiveness of odour controls, or whether additional controls are needed.
- a) The field inspections must be carried out by a representative of the Consent Holder who has been trained in undertaking field odour inspections by a suitably qualified and independent person. The field inspections must be carried out at least twice weekly at varying times of day when composting activities with the highest potential for odour emissions are occurring, or times when atmospheric conditions are least conducive to dispersion such as early mornings. The inspections must be conducted in accordance with a methodology set out in the CFMP.
 - b) If requested by Otago Regional Council following investigation of complaints received in relation to odour or following review of information provided in the Annual Report, or following Otago Regional Council's own independent monitoring, the Consent Holder shall engage a suitably qualified and independent person to monitor odour at the site boundary in accordance with a methodology and duration approved by Otago Regional Council.

- c) The Consent Holder must investigate the cause of any odour detected by these odour field inspections and must remedy any faults identified as soon as practicable. A record of each field inspection must be recorded in writing, including weather conditions, the location of any odours identified, the intensity, duration and hedonic tone of any odours, and the findings of any investigation. This information must be provided to Otago Regional Council upon request and additionally as part of the Annual Report required by General Condition 29. .
25. By 1 July each year the Consent Holder must, complete a review of the CFMP required by Condition 21 to ensure that the management practices contained within them remain adequate to ensure compliance with the conditions of these consents. If amendments are made to the management plan, the amended plan must be submitted to the Otago Regional Council for recertification in accordance with General Condition 4.
 26. Waste within the Bulk Waste Transfer Station must not be retained within the building for more than 72 hours.

Issued at Dunedin this day of

Joanna Gilroy

Manager Consents

Schedule 1 – General Conditions Relevant to All Consents

1. The construction and operation of the RRPP (including all associated discharges of contaminants to land, water and air) must be undertaken in general accordance with the following documents, except where modified by other conditions of this consent. In the event of differences or conflict between the contents of the documents and the conditions, the conditions must prevail:
 - a) Waste Futures – Green Island - Design and Operations Report by GHD dated February 2023
 - b) Green Island Resource Recovery Precinct Stormwater Management Plan and Assessment of Effects by GHD dated 19 February 2024
 - c) Waste Futures - Green Island Resource Recovery Precinct - Groundwater Technical Assessment by GHD dated 23 February 2024
 - d) Green Island Resource Recovery Precinct Draft Contaminated Land Management Plan by GHD dated 16 February 2024
 - e) Site Environmental Management Plan by Enviro NZ dated February 2024
 - f) Draft Construction Environmental Management Plan by GHD dated 12 January 2024
 - g) Erosion and Sediment Control Plan by GHD dated 28 February 2024
 - h) Draft Stormwater Management Operation and Maintenance Plan by GHD dated 28 February 2024
 - i) Draft Composting Facility Management Plan by Enviro NZ dated February 2024
 - j) Green Island Resource Recovery Precinct Landscape Effects Assessment by Boffa Miskell dated 16 February 2024

- k) Green Island Landfill Resource Recovery Precinct Ecological Assessment Report by Boffa Miskell dated 12 February 2024
 - l) Bird Hazard Report by Avisure dated February 2024
 - m) Draft Southern Black Backed Gull (SBBG) Management Plan by Avisure dated November 2023.
 - n) Affected Party Approval letter by Aukaha dated 14 March 2024.
 - o) Green Island Resource Recovery Precinct Air Quality Assessment by Pattle Delamore Partners dated January 2024
 - p) Waste Futures - Green Island Resource Recovery Precinct - Integrated Transport Assessment by GHD dated 28 February 2024
 - q) Green Island Resource Recovery Precinct Assessment of Acoustic Effects by GHD dated 27 February 2024
 - r) Waste Futures – Resource Recovery Park Precinct - Interim Social Impact Assessment by GHD dated 15 March 2024.
 - s) Resource Recovery Processing Precinct Site Options Assessment by GHD dated 20 October 2022
2. An alternative design or methodology to that proposed in the consent documents specified in General Condition 1 may be used if:
- a) The adverse effects of the activity are demonstrated by the Consent Holder to be the same or less than the consented design or methodology; and
 - b) The alternative design or methodology has been provided under General Condition 4 to the Otago Regional Council and certification is obtained from the Otago Regional Council; or
 - c) The alternative design or methodology has been incorporated into the Operations Management Plan under General Condition 5 or any other management plan and provided to the Otago Regional Council and certification is obtained from the Otago Regional Council.
3. These resource consents and a copy of the Otago Regional Council certified version of any management plan and design details required by these consents must be kept on site at all times, and the Consent Holder must ensure all relevant personnel are made aware of each document's contents.

Certification Process

4. The Consent Holder must follow the process set out below for any plans, documents, designs or specifications (hereafter referred to as 'documents') requiring the certification of an officer of the Otago Regional Council:
- a) Documents requiring certification must be submitted to the relevant officer in electronic and hard copy form for certification. The certification process must be confined to confirming that the documents adequately give effect to the relevant condition(s).
 - b) Subject to (c) and (e) below, works to which the documents relate must not commence until the Consent Holder has received written certification from the relevant officer.
 - c) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of submission under (a) above, the documents must be deemed to be certified.

- d) If the relevant officer's response is that they are not able to certify the documents they must provide the Consent Holder with reasons and recommendations for changes to the documents in writing. The Consent Holder must consider any reasons and recommendations of the relevant officer and resubmit amended documents for certification.
- e) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of resubmission under (d) above, the documents must be deemed to be certified.
- f) If the relevant officer's response is that they are still not able to certify the resubmitted documents, then the Consent Holder must nevertheless implement the resubmitted documents with a notation that certification of them has not occurred. This condition must not apply to the certification of the biofilter design required by General Condition 17(d).
- g) Certified documents may be amended at the request of the Consent Holder at any time subject to recertification undertaken in accordance with General Condition 4(a) to (f) with references in those clauses to certification to be read as recertification.

Site Environmental Management Plan

- 5. The operation of the RRPP must be undertaken in accordance with an Site Environmental Management Plan (SEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
- 6. The Operations Management Plan must be based upon the draft plan prepared by Enviro NZ submitted in support of the application, and must address how the following matters will meet any requirements, limits, or restrictions set out by the conditions of the resource consents:
 - a) Leachate and stormwater management.
 - b) Erosion and sediment controls during construction and operation.
 - c) Types of organics to be accepted for compost processing and those that are prohibited.
 - d) Organics acceptance control and monitoring the types of waste accepted.
 - e) Odour and dust management.
 - f) Noise management.
 - g) Litter management.
 - h) Plant and animal pest management, including bird control.
 - i) Monitoring procedures, including locations, parameters, and frequency
 - j) Building and infrastructure inspections and maintenance.
 - k) Fire preparedness and response management.
 - l) Emergency management and contingency response procedures.
 - m) Complaints response procedures.
 - n) Record-keeping and reporting requirements.
- 7. Prior to commencement of operations at the RRPP, the Consent Holder must submit a final SEMP to the Otago Regional Council. The final plan must be prepared in consultation with Te Rūnanga o Ōtākou to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of operations to assess it has been prepared by appropriately qualified

personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with General Condition 4.

8. By 1 July each year the Consent Holder must, in consultation with Te Rūnanga o Ōtākou, complete a review of the SEMP required by General Condition 5 to ensure that the management practices contained within them remain adequate to ensure compliance with the conditions of these consents. If amendments are made to a management plan, the amended plan must be submitted to the Otago Regional Council for recertification in accordance with General Condition 4.
9. The Consent Holder may make amendments to the SEMP required by General Condition 5 at any time. Any amendments must be made in consultation with Te Rūnanga o Ōtākou and submitted to the Otago Regional Council for recertification in accordance with General Condition 4.
10. The Consent Holder must appoint and retain an appropriately qualified and experienced person to supervise the operation of the RRPP.

Construction Environmental Management Plan

11. The construction of the RRPP must be undertaken in accordance with a final Construction Environmental Management Plan (CEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
12. The CEMP must be based upon the CEMP and Contaminated Land Management Plan (CLMP) prepared by GHD submitted in support of the application, and must address the following (as a minimum):
 - a) Administrative Requirements
 - i. Weekly site inspections
 - ii. Monthly environmental reporting
 - iii. Independent audit by Suitably Qualified and Experienced Person
 - iv. Notification and management of environmental incidents
 - v. Records and registers
 - vi. Environmental roles and responsibilities of personnel (including nomination of Principal Contractor)
 - vii. Relevant contact information of those onsite and managing the construction or earthwork activities onsite; and
 - viii. Site induction
 - b) Operational Requirements
 - i. Erosion and sediment control measures
 - ii. Any soil, water, or air quality monitoring including sampling locations
 - iii. Contaminated land management
 - iv. Odour and dust management
 - v. Landfill gas management
 - vi. Archaeological and cultural heritage
 - vii. Chemical and fuel management
 - viii. Handling and disposal procedures for contaminated material encountered during the activity.
 - c) Sufficient detail to address the following matters:

- i. Specific erosion and sediment control works (locations, dimensions, capacity etc);
 - ii. Supporting calculations and design drawings.
 - iii. Catchment boundaries and contour information.
 - iv. Details of construction methods.
 - v. Timing and duration of construction and operation of control works including traffic management.
 - vi. Contingency measures to address any unexpected or accidental discoveries of contamination or discharges identified at the site, which must include assessment by a suitably qualified and experienced person.
 - vii. Measures to avoid silt and/or sediment tracking onto roads and then to water for the duration of the earthworks, such as:
 - Providing stabilised entry and exit point(s) for vehicles
 - Providing wheel wash facilities
 - Cleaning road surfaces using street-sweepers immediately where sediment has been tracked onto the road
 - viii. Details relating to the management of exposed areas
 - ix. Landscape rehabilitation
 - x. Soil, air quality, groundwater and/or surface water monitoring requirements.
13. Prior to commencement of construction of the RRPP, the Consent Holder must submit a final CEMP to Otago Regional Council. The final plan must be prepared to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of construction to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with General Condition 4.
14. The Consent Holder must submit an updated CEMP to Otago Regional Council when:
 - a) The construction program moves from one stage to another or
 - b) Any significant changes have been made to the construction methodology since the original plan was accepted; or
 - c) There has been an environmental incident and investigations have found that the management measures are inadequate.
15. Any updated versions of the CEMP must be submitted to Otago Regional Council for recertification in accordance with General Condition 4.
16. The Consent Holder must ensure that Otago Regional Council is provided with an electronic copy of the most current and complete version of the CEMP at all times.

Design and Construction

17. Within 15 working days prior to commencing the construction of any:
 - a) Any building within the RRPP;
 - b) Leachate collection system, for direct discharge to pump stations;
 - c) Stormwater collection, treatment and discharge system; and
 - d) Biofilter for the aerated static pile bunkers;

the Consent Holder must submit a design report with specifications and design drawings to the Otago Regional Council for review to assess that they have been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice, and certification in accordance with General Condition 4.

18. When completed, the works specified in General Condition 17 must be confirmed by a suitably experienced Chartered Professional Engineer (CPEng) that they have been completed in accordance with the design certified by the Otago Regional Council. A Construction Quality Assurance (CQA) report must be prepared and submitted by the Consent Holder to the Otago Regional Council within 3 months following completion of the works specified in General Condition 17.
19. Construction activities must be limited to between 7.00am to 6.00pm Monday to Saturday (inclusive). No work may occur outside of these times, or public holidays, except:
 - a) Works may occur outside these times from Monday to Saturday (inclusive) for the purposes of undertaking concrete pours, and where at least 48 hours notice is provided to all adjoining residential properties.
 - b) Works may occur outside these times where they are required to mitigate environmental effects or protect public health and safety.

Vegetation Management and Planting

20. A Vegetation Management and Restoration Management Plan (VMRP) must be prepared by a suitably qualified person within six months of the granting of this consent. The purpose of the Plan is to manage the health and long term-replacement of the existing screening vegetation on the site and implement visual screening with the objective of ensuring the RRPP facilities are integrated into the surrounding landscape, visual effects are minimised and existing views of Pukemakamaka/Saddle Hill are maintained. The Plan must be developed in accordance with the recommendations contained in the Green Island Resource Recovery Precinct Landscape Effects Assessment, Boffa Miskell dated Feb 2024 and in consultation with Te Rūnanga o Ōtākou. As a minimum the Plan must include:
 - a) A survey of the health of the existing trees.
 - b) Routine monitoring and maintenance of the existing trees to promote their health and long-term stability.
 - c) Long-term post closure actions for the replacement of the existing trees, incorporating eco-sourced native species to enhance natural character, landscape, and amenity values, and their ongoing maintenance.
 - d) Additional planting of the south-east bund, and along the north-east perimeter.
 - e) A detailed programme of works, including timeframes for implementation, including early implementation of planting on the south-east bund within the first planting season following the granting of consent.
 - f) Key responsibilities of onsite personnel.
 - g) A review process that includes adjoining residential properties, Te Rūnanga o Ōtākou and Otago Regional Council.
21. The Vegetation Management and Restoration Plan must be submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel

in accordance with the conditions of consent and certification in accordance with General Condition 4.

22. The Vegetation Restoration Management Plan certified under General Condition 4 must be implemented in accordance with the timeframes specified in the Plan and maintained on an ongoing basis by the Consent Holder.

Building Finishes

23. All buildings must be finished in neutral colours (e.g Karaka Green) with a reflectivity value of less than 30% RV for walls and 20% RV for roofs in accordance with the plans and elevations submitted in support of the application. The neutral colour palette must be selected in consultation with Te Rūnanga o Ōtākou and must complement the surrounding landscape and natural character.

Noise Monitoring

24. Within 1 month following full operation of all RRPP facilities commencing, the Consent Holder must conduct noise monitoring to confirm whether the operation of the RRPP complies with the designation noise limits in the Partially Operative Dunedin City District Plan.
- The monitoring must be carried out by a suitably qualified and independent acoustic practitioner, and at times of the day and night when there is the highest potential for noise to be generated.
 - The consent holder must investigate the cause of any noise that exceeds the noise limits and remedy the cause as soon as practicable.
 - A report describing the results of the noise monitoring and any changes made to the operation of the RRPP to achieve compliance with the noise limits must be provided to adjoining residential properties, and the Otago Regional Council within 1 month of the completion of the noise monitoring.

Pest Management

25. A Pest Management Plan (PMP) must be prepared within 6 months of the granting of this consent. The purpose of the Plan is to eradicate mammalian pests (rodents and mustelids), and feral cats within the RRPP site as far as practicable. As a minimum the plan must include:
- Detailed pest management practices and procedures, including eradication methods.
 - Pest monitoring, including provision for reporting results to adjoining residential neighbours on a quarterly basis.
 - Key responsibilities of on-site personnel.
 - A plan review process.
26. The PMP must be provided to adjoining residential neighbours and then submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with General Condition 4.

27. The PMP certified under General Condition 4 must be implemented on an ongoing basis during the operation of the RRPP by the Consent Holder.

Complaints

28. A complaint management, investigation and reporting system must be maintained by the Consent Holder during construction and operation of the RRPP to record the receipt and management of complaints received about the operation, including those regarding odour or dust. The following details must be recorded:
- Type, date, and time of complaint;
 - Name and address of complainant (if available);
 - Location from which the complaint arose;
 - Wind direction at the time of complaint (if relevant);
 - The likely cause of the complaint;
 - The action taken as a result of the complaint; and
 - The response to the complainant.

The complaints record must be made available to the Otago Regional Council (with any personal information held redacted) on request.

Annual Monitoring Report

29. The Consent Holder must compile an annual monitoring report on the operation of the RRPP, including:
- The status of RRPP construction and operation;
 - Any non-compliance with the conditions of these consents or difficulties in achieving the practices and procedures in the Operations Management Plan which have arisen in the preceding year and the measures taken to address them;
 - Any emergency management procedures and contingency response procedures specified in the Operations Management Plan that were implemented during the preceding year;
 - Collated summaries of and analysis of all data required under these consents, including:
 - The material brought onto the site for the manufacture of compost;
 - The operation of the Organics Processing Facility (OPF), including the operational parameters of the composting bunkers, biofilter, and maturation windrows.
 - The results of odour monitoring, including all field monitoring record sheets.
 - Interpretation of the data, particularly with regard to OPF performance.
 - Assessment of any complaints received.
 - Mitigation and corrective measures initiated in response to monitoring.

The report must be forwarded to adjoining residential neighbours, Te Rūnanga o Ōtākou and Otago Regional Council by 1 October each year unless an alternative date is agreed in writing with the Otago Regional Council. The Consent Holder must make the report publicly available on the Dunedin City Council website.

Review of Conditions

30. Pursuant to Section 128 of the Resource Management Act 1991 the Otago Regional Council may within six months of the anniversary date of these resource consents each

year serve notice of its intention to review the conditions of these consents for the purposes of:

- a) Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent;
- b) Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans and the Otago Regional Policy Statement;
- c) Ensuring the waste acceptance criteria conditions of this consent are consistent with applicable Ministry for the Environment and Environmental Protection Authority guidance, standards and notices, including for emerging contaminants;
- d) Reviewing the requirements and frequency of monitoring and reporting required under this consent; or
- e) Requiring the adoption of the best practicable option to reduce any adverse effect on the environment.

Advice notes

1. *'RRPP' means Resource Recovery Park Precinct.*
2. *'Site' means all land within the Green Island Landfill designation boundary.*
3. *'Stormwater' means water running off from any impervious surface such as roads, carparks, roofs, as well as any other surface run-off that is collected and/or intercepted.*
4. *'leachate' means water containing contaminants from waste recovery and disposal.*

Our Reference: 999859517-20617

Consent No. RM24.143.04

WATER PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Dunedin City Council

Address: 50 The Octagon Dunedin, Dunedin

To divert stormwater from working and non-working areas of the Resource Recovery Park Precinct,.

For a term expiring **for a 35 year-term exact date TBC**

Location of consent activity: Green Island Landfill, located at 9,114, 140, and 170 Brighton Road, Green Island

Legal description of consent location:

- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District and Section 54 and 63 Block VII and Section 119 Block VII Dunedin & East Taieri Survey District
 - OT11B/1241
- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District
 - OT368/19
- 9 Brighton Road
 - Section 1 Survey Office Plan 24047
 - OT15C/1016
- 9 Brighton Road
 - Lot 6-7 Deposited Plan 572543 and Section 1 Survey Office Plan 24040
 - 1040235
- 9 Brighton Road
 - Part Section 120 Dunedin & East Taieri Survey District and Part Section 53 Block VII Dunedin & East Taieri Survey District and Closed Road intersecting Sections 86,87,98,102 and 103 Block V Lower Kaikorai Survey District
 - OT16D/1193
- 9 Brighton Road
 - Section 103 Block V Lower Kaikorai Survey District and Part Section 85-87, 98 Block V and Part Section 99-101 Block V and Part Section 102 Block V Lower Kaikorai Survey District
 - OT16D/1194
- 9 Brighton Road
 - Lot 2, 4 Deposited Plan 572543 and Lot I Deposited Plan 20826

- 1040233
114 Brighton Road
- Part Section 38-40, Part Section 44 and Part Section 156
Green Island Bush Survey District
- OT7C/934
140 Brighton Road
- Part Lot 4 Deposited Plan 4550
- OT12C/261
170 Brighton Road
- Lot I Deposited Plan 20582
- OT12C/262
170 Brighton Road
- Section 81 Block VII Dunedin & East Taieri Survey District
- OT15A/266

Map Reference of approximate E1399447 N4913122
midpoint of RRPP (NZTM2000):

Conditions

Specific

1. Under section 125 of the Resource Management Act 1991, this consent lapses five years after the date of commencement of the consent unless:
 - a) The consent is given effect to; or
 - b) The Consent Authority extends the period after which the consent lapses.
2. This consent is also subject to the general conditions in Schedule 1 – General Conditions Relevant to All Consents. In the event of differences or conflict between the general conditions and the conditions of this consent, the conditions of this consent prevail.
3. Any new permanent stormwater perimeter drains, channels and culverts must be designed and constructed to manage a 1% AEP (Annual Exceedance Probability) storm event and must be designed such that if this capacity is exceeded the preferential (secondary) flow path is, as far as practicable, away from the RRPP facilities.
4. All permanent stormwater drains, channels, and culverts must be maintained to enable ongoing operation at all times and restored as soon as practicable in the event of damage or faults.
5. All stormwater assets must be maintained in accordance with the Stormwater Management Operation and Maintenance Plan (SMOMP) approved under Discharge Permit RM24.143.05.

Issued at Dunedin this day of

Name

Decision maker

Schedule 1 – General Conditions Relevant to All Consents

1. The construction and operation of the RRPP (including all associated discharges of contaminants to land, water and air) must be undertaken in general accordance with the following documents, except where modified by other conditions of this consent. In the event of differences or conflict between the contents of the documents and the conditions, the conditions must prevail:
 - a) Waste Futures – Green Island - Design and Operations Report by GHD dated February 2023
 - b) Green Island Resource Recovery Precinct Stormwater Management Plan and Assessment of Effects by GHD dated 19 February 2024
 - c) Waste Futures - Green Island Resource Recovery Precinct - Groundwater Technical Assessment by GHD dated 23 February 2024
 - d) Green Island Resource Recovery Precinct Draft Contaminated Land Management Plan by GHD dated 16 February 2024
 - e) Site Environmental Management Plan by Enviro NZ dated February 2024
 - f) Draft Construction Environmental Management Plan by GHD dated 12 January 2024
 - g) Erosion and Sediment Control Plan by GHD dated 28 February 2024
 - h) Draft Stormwater Management Operation and Maintenance Plan by GHD dated 28 February 2024
 - i) Draft Composting Facility Management Plan by Enviro NZ dated February 2024
 - j) Green Island Resource Recovery Precinct Landscape Effects Assessment by Boffa Miskell dated 16 February 2024
 - k) Green Island Landfill Resource Recovery Precinct Ecological Assessment Report by Boffa Miskell dated 12 February 2024
 - l) Bird Hazard Report by Avisure dated February 2024
 - m) Draft Southern Black Backed Gull (SBBG) Management Plan by Avisure dated November 2023.
 - n) Affected Party Approval letter by Aukaha dated 14 March 2024.
 - o) Green Island Resource Recovery Precinct Air Quality Assessment by Pattle Delamore Partners dated January 2024
 - p) Waste Futures - Green Island Resource Recovery Precinct - Integrated Transport Assessment by GHD dated 28 February 2024
 - q) Green Island Resource Recovery Precinct Assessment of Acoustic Effects by GHD dated 27 February 2024
 - r) Waste Futures – Resource Recovery Park Precinct - Interim Social Impact Assessment by GHD dated 15 March 2024.
 - s) Resource Recovery Processing Precinct Site Options Assessment by GHD dated 20 October 2022
2. An alternative design or methodology to that proposed in the consent documents specified in general condition 1 may be used if:

- a) The adverse effects of the activity are demonstrated by the Consent Holder to be the same or less than the consented design or methodology; and
 - b) The alternative design or methodology has been provided under general condition 4 to the Otago Regional Council and certification is obtained from the Otago Regional Council; or
 - c) The alternative design or methodology has been incorporated into the Operations Management Plan under general condition 5 or any other management plan and provided to the Otago Regional Council and certification is obtained from the Otago Regional Council.
3. These resource consents and a copy of the Otago Regional Council certified version of any management plan and design details required by these consents must be kept on site at all times, and the Consent Holder must ensure all relevant personnel are made aware of each document's contents.

Certification Process

4. The Consent Holder must follow the process set out below for any plans, documents, designs or specifications (hereafter referred to as 'documents') requiring the certification of an officer of the Otago Regional Council:
- a) Documents requiring certification must be submitted to the relevant officer in electronic and hard copy form for certification. The certification process must be confined to confirming that the documents adequately give effect to the relevant condition(s).
 - b) Subject to (c) and (e) below, works to which the documents relate must not commence until the Consent Holder has received written certification from the relevant officer.
 - c) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of submission under (a) above, the documents must be deemed to be certified.
 - d) If the relevant officer's response is that they are not able to certify the documents they must provide the Consent Holder with reasons and recommendations for changes to the documents in writing. The Consent Holder must consider any reasons and recommendations of the relevant officer and resubmit amended documents for certification.
 - e) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of resubmission under (d) above, the documents must be deemed to be certified.
 - f) If the relevant officer's response is that they are still not able to certify the resubmitted documents, then the Consent Holder must nevertheless implement the resubmitted documents with a notation that certification of them has not occurred. This condition must not apply to the certification of the biofilter design required by general condition 17(d).
 - g) Certified documents may be amended at the request of the Consent Holder at any time subject to recertification undertaken in accordance with general condition 4(a) to (f) with references in those clauses to certification to be read as recertification.

Site Environmental Management Plan

5. The operation of the RRPP must be undertaken in accordance with an Site Environmental Management Plan (SEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
6. The SEMP must be based upon the draft plan prepared by Enviro NZ submitted in support of the application, and must address how the following matters will meet any requirements, limits, or restrictions set out by the conditions of the resource consents:
 - a) Leachate and stormwater management.
 - b) Erosion and sediment controls during construction and operation.
 - c) Types of organics to be accepted for compost processing and those that are prohibited.
 - d) Organics acceptance control and monitoring the types of waste accepted.
 - e) Odour and dust management.
 - f) Noise management.
 - g) Litter management.
 - h) Plant and animal pest management, including bird control.
 - i) Monitoring procedures, including locations, parameters, and frequency
 - j) Building and infrastructure inspections and maintenance.
 - k) Fire preparedness and response management.
 - l) Emergency management and contingency response procedures.
 - m) Complaints response procedures.
 - n) Record-keeping and reporting requirements.
7. Prior to commencement of operations at the RRPP, the Consent Holder must submit a final SEMP to the Otago Regional Council. The final plan must be prepared in consultation with Te Rūnanga o Ōtākou to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of operations to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with general condition 4.
8. By 1 July each year the Consent Holder must, in consultation with Te Rūnanga o Ōtākou, complete a review of the SEMP required by general condition 5 to ensure that the management practices contained within them remain adequate to ensure compliance with the conditions of these consents. If amendments are made to a management plan, the amended plan must be submitted to the Otago Regional Council for recertification in accordance with general condition 4.
9. The Consent Holder may make amendments to the SEMP required by general condition 5 at any time. Any amendments must be made in consultation with Te Rūnanga o Ōtākou and submitted to the Otago Regional Council for recertification in accordance with general condition 4.
10. The Consent Holder must appoint and retain an appropriately qualified and experienced person to supervise the operation of the RRPP.

Construction Environmental Management Plan

11. The construction of the RRPP must be undertaken in accordance with a final Construction Environmental Management Plan (CEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
12. The CEMP must be based upon the CEMP and Contaminated Land Management Plan (CLMP) prepared by GHD submitted in support of the application, and must address the following (as a minimum):
 - a) Administrative Requirements
 - i. Weekly site inspections
 - ii. Monthly environmental reporting
 - iii. Independent audit by Suitably Qualified and Experienced Person
 - iv. Notification and management of environmental incidents
 - v. Records and registers
 - vi. Environmental roles and responsibilities of personnel (including nomination of Principal Contractor)
 - vii. Relevant contact information of those onsite and managing the construction or earthwork activities onsite; and
 - viii. Site induction
 - b) Operational Requirements
 - i. Erosion and sediment control measures
 - ii. Any soil, water, or air quality monitoring including sampling locations
 - iii. Contaminated land management
 - iv. Odour and dust management
 - v. Landfill gas management
 - vi. Archaeological and cultural heritage
 - vii. Chemical and fuel management
 - viii. Handling and disposal procedures for contaminated material encountered during the activity.
 - c) Sufficient detail to address the following matters:
 - i. Specific erosion and sediment control works (locations, dimensions, capacity etc);
 - ii. Supporting calculations and design drawings.
 - iii. Catchment boundaries and contour information.
 - iv. Details of construction methods.
 - v. Timing and duration of construction and operation of control works including traffic management.
 - vi. Contingency measures to address any unexpected or accidental discoveries of contamination or discharges identified at the site, which must include assessment by a suitably qualified and experienced person.
 - vii. Measures to avoid silt and/or sediment tracking onto roads and then to water for the duration of the earthworks, such as:
 - Providing stabilised entry and exit point(s) for vehicles
 - Providing wheel wash facilities
 - Cleaning road surfaces using street-sweepers immediately where sediment has been tracked onto the road
 - viii. Details relating to the management of exposed areas
 - ix. Landscape rehabilitation
 - x. Soil, air quality, groundwater and/or surface water monitoring requirements.

13. Prior to commencement of construction of the RRPP, the Consent Holder must submit a final CEMP to Otago Regional Council. The final plan must be prepared to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of construction to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with general condition 4.
14. The Consent Holder must submit an updated CEMP to Otago Regional Council when:
 - a) The construction program moves from one stage to another or
 - b) Any significant changes have been made to the construction methodology since the original plan was accepted; or
 - c) There has been an environmental incident and investigations have found that the management measures are inadequate.
15. Any updated versions of the CEMP must be submitted to Otago Regional Council for recertification in accordance with general condition 4.
16. The Consent Holder must ensure that Otago Regional Council is provided with an electronic copy of the most current and complete version of the CEMP at all times.

Design and Construction

17. Within 15 working days prior to commencing the construction of any:
 - a) Any building within the RRPP;
 - b) Leachate collection system, for direct discharge to pump stations;
 - c) Stormwater collection, treatment and discharge system; and
 - d) Biofilter for the aerated static pile bunkers;

the Consent Holder must submit a design report with specifications and design drawings to the Otago Regional Council for review to assess that they have been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice, and certification in accordance with general condition 4.

18. When completed, the works specified in general condition 17 must be confirmed by a suitably experienced Chartered Professional Engineer (CPEng) that they have been completed in accordance with the design certified by the Otago Regional Council. A Construction Quality Assurance (CQA) report must be prepared and submitted by the Consent Holder to the Otago Regional Council within 3 months following completion of the works specified in general condition 17.
19. Construction activities must be limited to between 7.00am to 6.00pm Monday to Saturday (inclusive). No work may occur outside of these times, or public holidays, except:
 - a) Works may occur outside these times from Monday to Saturday (inclusive) for the purposes of undertaking concrete pours, and where at least 48 hours notice is provided to all adjoining residential properties.
 - b) Works may occur outside these times where they are required to mitigate environmental effects or protect public health and safety.

Vegetation Management and Planting

20. A Vegetation Management and Restoration Management Plan (VMRP) must be prepared by a suitably qualified person within six months of the granting of this consent. The purpose of the Plan is to manage the health and long term-replacement of the existing screening vegetation on the site and implement visual screening with the objective of ensuring the RRPP facilities are integrated into the surrounding landscape, visual effects are minimised and existing views of Pukemakamaka/Saddle Hill are maintained. The Plan must be developed in accordance with the recommendations contained in the Green Island Resource Recovery Precinct Landscape Effects Assessment, Boffa Miskell dated Feb 2024 and in consultation with Te Rūnanga o Ōtākou. As a minimum the Plan must include:
- A survey of the health of the existing trees.
 - Routine monitoring and maintenance of the existing trees to promote their health and long-term stability.
 - Long-term post closure actions for the replacement of the existing trees, incorporating eco-sourced native species to enhance natural character, landscape, and amenity values, and their ongoing maintenance.
 - Additional planting of the south-east bund, and along the north-east perimeter.
 - A detailed programme of works, including timeframes for implementation, including early implementation of planting on the south-east bund within the first planting season following the granting of consent.
 - Key responsibilities of onsite personnel.
 - A review process that includes adjoining residential properties, Te Rūnanga o Ōtākou and Otago Regional Council.
21. The Vegetation Management and Restoration Plan must be submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with general condition 4.
22. The Vegetation Restoration Management Plan certified under general condition 4 must be implemented in accordance with the timeframes specified in the Plan and maintained on an ongoing basis by the Consent Holder.

Building Finishes

23. All buildings must be finished in neutral colours (e.g Karaka Green) with a reflectivity value of less than 30% RV for walls and 20% RV for roofs in accordance with the plans and elevations submitted in support of the application. The neutral colour palette must be selected in consultation with Te Rūnanga o Ōtākou and must complement the surrounding landscape and natural character.

Noise Monitoring

24. Within 1 month following full operation of all RRPP facilities commencing, the Consent Holder must conduct noise monitoring to confirm whether the operation of the RRPP complies with the designation noise limits in the Partially Operative Dunedin City District Plan.

- a) The monitoring must be carried out by a suitably qualified and independent acoustic practitioner, and at times of the day and night when there is the highest potential for noise to be generated.
- b) The consent holder must investigate the cause of any noise that exceeds the noise limits and remedy the cause as soon as practicable.
- c) A report describing the results of the noise monitoring and any changes made to the operation of the RRPP to achieve compliance with the noise limits must be provided to adjoining residential properties, and the Otago Regional Council within 1 month of the completion of the noise monitoring.

Pest Management

25. A Pest Management Plan (PMP) must be prepared within 6 months of the granting of this consent. The purpose of the Plan is to eradicate mammalian pests (rodents and mustelids), and feral cats within the RRPP site as far as practicable. As a minimum the plan must include:
 - a) Detailed pest management practices and procedures, including eradication methods.
 - b) Pest monitoring, including provision for reporting results to adjoining residential neighbours on a quarterly basis.
 - c) Key responsibilities of on-site personnel.
 - d) A plan review process.
26. The PMP must be provided to adjoining residential neighbours and then submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with General Condition 4.
27. The PMP certified under General Condition 4 must be implemented on an ongoing basis during the operation of the RRPP by the Consent Holder.

Complaints

28. A complaint management, investigation and reporting system must be maintained by the Consent Holder during construction and operation of the RRPP to record the receipt and management of complaints received about the operation, including those regarding odour or dust. The following details must be recorded:
 - a) Type, date, and time of complaint;
 - b) Name and address of complainant (if available);
 - c) Location from which the complaint arose;
 - d) Wind direction at the time of complaint (if relevant);
 - e) The likely cause of the complaint;
 - f) The action taken as a result of the complaint; and
 - g) The response to the complainant.

The complaints record must be made available to the Otago Regional Council (with any personal information held redacted) on request.

Annual Monitoring Report

29. The Consent Holder must compile an annual monitoring report on the operation of the RRPP, including:
- a) The status of RRPP construction and operation;
 - b) Any non-compliance with the conditions of these consents or difficulties in achieving the practices and procedures in the Operations Management Plan which have arisen in the preceding year and the measures taken to address them;
 - c) Any emergency management procedures and contingency response procedures specified in the Operations Management Plan that were implemented during the preceding year;
 - d) Collated summaries of and analysis of all data required under these consents, including:
 - i. The material brought onto the site for the manufacture of compost;
 - ii. The operation of the Organics Processing Facility (OPF), including the operational parameters of the composting bunkers, biofilter, and maturation windrows.
 - iii. The results of odour monitoring, including all field monitoring record sheets.
 - iv. Interpretation of the data, particularly with regard to OPF performance.
 - e) Assessment of any complaints received.
 - f) Mitigation and corrective measures initiated in response to monitoring.

The report must be forwarded to adjoining residential neighbours, Te Rūnanga o Ōtākou and Otago Regional Council by 1 October each year unless an alternative date is agreed in writing with the Otago Regional Council. The Consent Holder must make the report publicly available on the Dunedin City Council website.

Review of Conditions

30. Pursuant to Section 128 of the Resource Management Act 1991 the Otago Regional Council may within six months of the anniversary date of these resource consents each year serve notice of its intention to review the conditions of these consents for the purposes of:
- a) Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent;
 - b) Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans and the Otago Regional Policy Statement;
 - c) Ensuring the waste acceptance criteria conditions of this consent are consistent with applicable Ministry for the Environment and Environmental Protection Authority guidance, standards and notices, including for emerging contaminants;
 - d) Reviewing the requirements and frequency of monitoring and reporting required under this consent; or
 - e) Requiring the adoption of the best practicable option to reduce any adverse effect on the environment.

Advice notes

1. 'RRPP' means Resource Recovery Park Precinct.

2. *'Site' means all land within the Green Island Landfill designation boundary.*
3. *'Stormwater' means water running off from any impervious surface such as roads, carparks, roofs, as well as any other surface run-off that is collected and/or intercepted.*
4. *'leachate' means water containing contaminants from waste recovery and disposal.*

Our Reference: 999859517-20618

Consent No. RM24.143.05

DISCHARGE PERMIT

Pursuant to Section 104B of the Resource Management Act 1991, the Otago Regional Council grants consent to:

Name: Dunedin City Council

Address: 50 The Octagon Dunedin, Dunedin

To discharge treated stormwater from the Resource Recovery Park Precinct to water within Kaikorai Stream.

For a term expiring **for a 35 year-term exact date TBC**

Location of consent activity: Green Island Landfill, located at 9,114, 140, and 170 Brighton Road, Green Island

Legal description of consent location:

- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District and Section 54 and 63 Block VII and Section 119 Block VII Dunedin & East Taieri Survey District
 - OT11B/1241
- 9 Brighton Road
 - Part Section 45-47 Green Island Bush Survey District
 - OT368/19
- 9 Brighton Road
 - Section 1 Survey Office Plan 24047
 - OT15C/1016
- 9 Brighton Road
 - Lot 6-7 Deposited Plan 572543 and Section 1 Survey Office Plan 24040
 - 1040235
- 9 Brighton Road
 - Part Section 120 Dunedin & East Taieri Survey District and Part Section 53 Block VII Dunedin & East Taieri Survey District and Closed Road intersecting Sections 86,87,98,102 and 103 Block V Lower Kaikorai Survey District
 - OT16D/1193
- 9 Brighton Road
 - Section 103 Block V Lower Kaikorai Survey District and Part Section 85-87, 98 Block V and Part Section 99-101 Block V and Part Section 102 Block V Lower Kaikorai Survey District
 - OT16D/1194
- 9 Brighton Road
 - Lot 2, 4 Deposited Plan 572543 and Lot I Deposited Plan 20826

- 1040233
114 Brighton Road
- Part Section 38-40, Part Section 44 and Part Section 156
Green Island Bush Survey District
- OT7C/934
140 Brighton Road
- Part Lot 4 Deposited Plan 4550
- OT12C/261
170 Brighton Road
- Lot I Deposited Plan 20582
- OT12C/262
170 Brighton Road
- Section 81 Block VII Dunedin & East Taieri Survey District
- OT15A/266

Map Reference of approximate E1399447 N4913122
midpoint of RRPP (NZTM2000):

Conditions

Specific

1. Under section 125 of the Resource Management Act 1991, this consent lapses five years after the date of commencement of the consent unless:
 - a) The consent is given effect to; or
 - b) The Consent Authority extends the period after which the consent lapses.
2. This consent is also subject to the General Conditions in Schedule 1 – General Conditions Relevant to All Consents. In the event of differences or conflict between the General Conditions and the conditions of this consent, the conditions of this consent prevail.
3. The stormwater management system must be constructed in general accordance with the Green Island Resource Recovery Precinct Stormwater Management Plan and Assessment of Effects (GHD, 19 February 2024) and the approved plans that were submitted in support of the application. Construction must be completed prior to commencement of operation of the RRPP. In the event of differences or conflict between the contents of the documents and the conditions, the conditions must prevail.
5. The operation of the stormwater management system must be in accordance with a Stormwater Management Operations and Maintenance Plan (SMOMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.

6. Prior to commencement of construction of the RRPP, the Consent Holder must submit a final SMOMP to Otago Regional Council. The final plan must be prepared to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of operations to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and for certification in accordance with General Condition 4.
7. The existing eastern sedimentation pond shown in Figure 6 of the Stormwater Management Plan and Assessment of Effects by GHD dated 19 February 2024 must be retained during the operation of the RRPP to collect and treat stormwater prior to its discharge to the Kaikorai Stream.
8. The existing northern leachate pond shown in Figure 6 of the Stormwater Management Plan and Assessment of Effects by GHD dated 19 February 2024 must be retained during the operation of the RRPP to collect and treat stormwater. The northern leachate pond must discharge to a pumping station of the landfill leachate collection system until the final capping of the landfill is completed, after which discharge may be redirected to discharge to the Kaikorai Stream.
9. All stormwater runoff from the RRPP site must be managed as follows:
 - a) Clean non-contaminated runoff from the site must be discharged via the northern leachate pond or the eastern sedimentation pond to the Kaikorai Stream.
 - b) Leachate contaminated stormwater that has or has potential to come into contact with waste or leachate must be directed to a pumping station of the landfill leachate collection system.
10. All sedimentation ponds and stormwater discharge systems associated with the RRPP must be maintained to enable ongoing operation at all times and restored as soon as practicable in the event of damage or faults.
11. The Consent Holder must undertake monitoring of surface water quality in accordance with the relevant conditions of resource consent 3840C-V1 for the discharge of surface water and stormwater to the Kaikorai Stream for the wider Green Island Landfill, or any subsequent replacement resource consent.
12. All stormwater assets must be maintained in accordance with the SMOMP.
13. Any spills of fuel, oil, leachate or similar contaminants to the environment must be contained and remediated as soon as practicable.
14. In the event that any spill of fuel, oil, leachate, or contaminants flows, or has the potential to flow into the eastern sedimentation pond or northern leachate pond, the spill will be remediated as soon as practicable.

Issued at Dunedin this day of

Name

Decision maker

Schedule 1 – General Conditions Relevant to All Consents

1. The construction and operation of the RRPP (including all associated discharges of contaminants to land, water and air) must be undertaken in general accordance with the following documents, except where modified by other conditions of this consent. In the event of differences or conflict between the contents of the documents and the conditions, the conditions must prevail:
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 - b) The alternative design or methodology has been provided under General Condition 4 to the Otago Regional Council and certification is obtained from the Otago Regional Council; or
 - c) The alternative design or methodology has been incorporated into the Operations Management Plan under General Condition 5 or any other management plan and provided to the Otago Regional Council and certification is obtained from the Otago Regional Council.
3. These resource consents and a copy of the Otago Regional Council certified version of any management plan and design details required by these consents must be kept on site at all times, and the Consent Holder must ensure all relevant personnel are made aware of each document's contents.

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 - e) If the Consent Holder has not received a response from the relevant officer within 20 working days of the date of resubmission under (d) above, the documents must be deemed to be certified.
 - f) If the relevant officer's response is that they are still not able to certify the resubmitted documents, then the Consent Holder must nevertheless implement the resubmitted documents with a notation that certification of them has not occurred. This condition must not apply to the certification of the biofilter design required by General Condition 17(d).
 - g) Certified documents may be amended at the request of the Consent Holder at any time subject to recertification undertaken in accordance with General Condition 4(a) to (f) with references in those clauses to certification to be read as recertification.

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5. The operation of the RRPP must be undertaken in accordance with an Site Environmental Management Plan (SEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
6. The Operations Management Plan must be based upon the draft plan prepared by Enviro NZ submitted in support of the application, and must address how the following matters will meet any requirements, limits, or restrictions set out by the conditions of the resource consents:
 - a) Leachate and stormwater management.
 - b) Erosion and sediment controls during construction and operation.
 - c) Types of organics to be accepted for compost processing and those that are prohibited.
 - d) Organics acceptance control and monitoring the types of waste accepted.
 - e) Odour and dust management.
 - f) Noise management.
 - g) Litter management.
 - h) Plant and animal pest management, including bird control.
 - i) Monitoring procedures, including locations, parameters, and frequency
 - j) Building and infrastructure inspections and maintenance.
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 - m) Complaints response procedures.
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8. By 1 July each year the Consent Holder must, in consultation with Te Rūnanga o Ōtākou, complete a review of the SEMP required by General Condition 5 to ensure that the management practices contained within them remain adequate to ensure compliance with the conditions of these consents. If amendments are made to a management plan, the amended plan must be submitted to the Otago Regional Council for recertification in accordance with General Condition 4.
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10. The Consent Holder must appoint and retain an appropriately qualified and experienced person to supervise the operation of the RRPP.

Construction Environmental Management Plan

11. The construction of the RRPP must be undertaken in accordance with a final Construction Environmental Management Plan (CEMP) with the overall objective of setting out details of the practices and procedures to be adopted to achieve compliance with the conditions of resource consent.
12. The CEMP must be based upon the CEMP and Contaminated Land Management Plan (CLMP) prepared by GHD submitted in support of the application, and must address the following (as a minimum):
 - a) Administrative Requirements
 - i. Weekly site inspections
 - ii. Monthly environmental reporting
 - iii. Independent audit by Suitably Qualified and Experienced Person
 - iv. Notification and management of environmental incidents
 - v. Records and registers
 - vi. Environmental roles and responsibilities of personnel (including nomination of Principal Contractor)
 - vii. Relevant contact information of those onsite and managing the construction or earthwork activities onsite; and
 - viii. Site induction
 - b) Operational Requirements
 - i. Erosion and sediment control measures
 - ii. Any soil, water, or air quality monitoring including sampling locations
 - iii. Contaminated land management
 - iv. Odour and dust management
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 - vii. Chemical and fuel management
 - viii. Handling and disposal procedures for contaminated material encountered during the activity.
 - c) Sufficient detail to address the following matters:
 - i. Specific erosion and sediment control works (locations, dimensions, capacity etc);
 - ii. Supporting calculations and design drawings.
 - iii. Catchment boundaries and contour information.
 - iv. Details of construction methods.
 - v. Timing and duration of construction and operation of control works including traffic management.
 - vi. Contingency measures to address any unexpected or accidental discoveries of contamination or discharges identified at the site, which must include assessment by a suitably qualified and experienced person.
 - vii. Measures to avoid silt and/or sediment tracking onto roads and then to water for the duration of the earthworks, such as:
 - Providing stabilised entry and exit point(s) for vehicles
 - Providing wheel wash facilities
 - Cleaning road surfaces using street-sweepers immediately where sediment has been tracked onto the road
 - viii. Details relating to the management of exposed areas
 - ix. Landscape rehabilitation
 - x. Soil, air quality, groundwater and/or surface water monitoring requirements.

13. Prior to commencement of construction of the RRPP, the Consent Holder must submit a final CEMP to Otago Regional Council. The final plan must be prepared to achieve the conditions of these resource consents and provided to the Otago Regional Council at least 15 working days prior to the commencement of construction to assess it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice and certification in accordance with General Condition 4.
14. The Consent Holder must submit an updated CEMP to Otago Regional Council when:
 - a) The construction program moves from one stage to another or
 - b) Any significant changes have been made to the construction methodology since the original plan was accepted; or
 - c) There has been an environmental incident and investigations have found that the management measures are inadequate.
15. Any updated versions of the CEMP must be submitted to Otago Regional Council for recertification in accordance with General Condition 4.
16. The Consent Holder must ensure that Otago Regional Council is provided with an electronic copy of the most current and complete version of the CEMP at all times.

Design and Construction

17. Within 15 working days prior to commencing the construction of any:
 - a) Any building within the RRPP;
 - b) Leachate collection system, for direct discharge to pump stations;
 - c) Stormwater collection, treatment and discharge system; and
 - d) Biofilter for the aerated static pile bunkers;the Consent Holder must submit a design report with specifications and design drawings to the Otago Regional Council for review to assess that they have been prepared by appropriately qualified personnel in accordance with the conditions of consent and in accordance with good practice, and certification in accordance with General Condition 4.
18. When completed, the works specified in General Condition 17 must be confirmed by a suitably experienced Chartered Professional Engineer (CPEng) that they have been completed in accordance with the design certified by the Otago Regional Council. A Construction Quality Assurance (CQA) report must be prepared and submitted by the Consent Holder to the Otago Regional Council within 3 months following completion of the works specified in General Condition 17.
19. Construction activities must be limited to between 7.00am to 6.00pm Monday to Saturday (inclusive). No work may occur outside of these times, or public holidays, except:
 - a) Works may occur outside these times from Monday to Saturday (inclusive) for the purposes of undertaking concrete pours, and where at least 48 hours notice is provided to all adjoining residential properties.
 - b) Works may occur outside these times where they are required to mitigate environmental effects or protect public health and safety.

Vegetation Management and Planting

20. A Vegetation Management and Restoration Management Plan (VMRP) must be prepared by a suitably qualified person within six months of the granting of this consent. The purpose of the Plan is to manage the health and long term-replacement of the existing screening vegetation on the site and implement visual screening with the objective of ensuring the RRPP facilities are integrated into the surrounding landscape, visual effects are minimised and existing views of Pukemakamaka/Saddle Hill are maintained. The Plan must be developed in accordance with the recommendations contained in the Green Island Resource Recovery Precinct Landscape Effects Assessment, Boffa Miskell dated Feb 2024 and in consultation with Te Rūnanga o Ōtākou. As a minimum the Plan must include:
- A survey of the health of the existing trees.
 - Routine monitoring and maintenance of the existing trees to promote their health and long-term stability.
 - Long-term post closure actions for the replacement of the existing trees, incorporating eco-sourced native species to enhance natural character, landscape, and amenity values, and their ongoing maintenance.
 - Additional planting of the south-east bund, and along the north-east perimeter.
 - A detailed programme of works, including timeframes for implementation, including early implementation of planting on the south-east bund within the first planting season following the granting of consent.
 - Key responsibilities of onsite personnel.
 - A review process that includes adjoining residential properties, Te Rūnanga o Ōtākou and Otago Regional Council.
21. The Vegetation Management and Restoration Plan must be submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with General Condition 4.
22. The Vegetation Restoration Management Plan certified under General Condition 4 must be implemented in accordance with the timeframes specified in the Plan and maintained on an ongoing basis by the Consent Holder.

Building Finishes

23. All buildings must be finished in neutral colours (e.g Karaka Green) with a reflectivity value of less than 30% RV for walls and 20% RV for roofs in accordance with the plans and elevations submitted in support of the application. The neutral colour palette must be selected in consultation with Te Rūnanga o Ōtākou and must complement the surrounding landscape and natural character.

Noise Monitoring

24. Within 1 month following full operation of all RRPP facilities commencing, the Consent Holder must conduct noise monitoring to confirm whether the operation of the RRPP complies with the designation noise limits in the Partially Operative Dunedin City District Plan.

- a) The monitoring must be carried out by a suitably qualified and independent acoustic practitioner, and at times of the day and night when there is the highest potential for noise to be generated.
- b) The consent holder must investigate the cause of any noise that exceeds the noise limits and remedy the cause as soon as practicable.
- c) A report describing the results of the noise monitoring and any changes made to the operation of the RRPP to achieve compliance with the noise limits must be provided to adjoining residential properties, and the Otago Regional Council within 1 month of the completion of the noise monitoring.

Pest Management

25. A Pest Management Plan (PMP) must be prepared within 6 months of the granting of this consent. The purpose of the Plan is to eradicate mammalian pests (rodents and mustelids), and feral cats within the RRPP site as far as practicable. As a minimum the plan must include:
 - a) Detailed pest management practices and procedures, including eradication methods.
 - b) Pest monitoring, including provision for reporting results to adjoining residential neighbours on a quarterly basis.
 - c) Key responsibilities of on-site personnel.
 - d) A plan review process.
26. The PMP must be provided to adjoining residential neighbours and then submitted to the Otago Regional Council to assess that it has been prepared by appropriately qualified personnel in accordance with the conditions of consent and certification in accordance with General Condition 4.
27. The PMP certified under General Condition 4 must be implemented on an ongoing basis during the operation of the RRPP by the Consent Holder.

Complaints

28. A complaint management, investigation and reporting system must be maintained by the Consent Holder during construction and operation of the RRPP to record the receipt and management of complaints received about the operation, including those regarding odour or dust. The following details must be recorded:
 - a) Type, date, and time of complaint;
 - b) Name and address of complainant (if available);
 - c) Location from which the complaint arose;
 - d) Wind direction at the time of complaint (if relevant);
 - e) The likely cause of the complaint;
 - f) The action taken as a result of the complaint; and
 - g) The response to the complainant.

The complaints record must be made available to the Otago Regional Council (with any personal information held redacted) on request.

Annual Monitoring Report

29. The Consent Holder must compile an annual monitoring report on the operation of the RRPP, including:
- a) The status of RRPP construction and operation;
 - b) Any non-compliance with the conditions of these consents or difficulties in achieving the practices and procedures in the Operations Management Plan which have arisen in the preceding year and the measures taken to address them;
 - c) Any emergency management procedures and contingency response procedures specified in the Operations Management Plan that were implemented during the preceding year;
 - d) Collated summaries of and analysis of all data required under these consents, including:
 - i. The material brought onto the site for the manufacture of compost;
 - ii. The operation of the Organics Processing Facility (OPF), including the operational parameters of the composting bunkers, biofilter, and maturation windrows.
 - iii. The results of odour monitoring, including all field monitoring record sheets.
 - iv. Interpretation of the data, particularly with regard to OPF performance.
 - e) Assessment of any complaints received.
 - f) Mitigation and corrective measures initiated in response to monitoring.

The report must be forwarded to adjoining residential properties, Te Rūnanga o Ōtākou and Otago Regional Council by 1 October each year unless an alternative date is agreed in writing with the Otago Regional Council. The Consent Holder must make the report publicly available on the Dunedin City Council website.

Review of Conditions

30. Pursuant to Section 128 of the Resource Management Act 1991 the Otago Regional Council may within six months of the anniversary date of these resource consents each year serve notice of its intention to review the conditions of these consents for the purposes of:
- a) Determining whether the conditions of this consent are adequate to deal with any adverse effect on the environment which may arise from the exercise of this consent and which it is appropriate to deal with at a later stage, or which becomes evident after the date of commencement of the consent;
 - b) Ensuring the conditions of this consent are consistent with any National Environmental Standards, relevant regional plans and the Otago Regional Policy Statement;
 - c) Ensuring the waste acceptance criteria conditions of this consent are consistent with applicable Ministry for the Environment and Environmental Protection Authority guidance, standards and notices, including for emerging contaminants;
 - d) Reviewing the requirements and frequency of monitoring and reporting required under this consent; or
 - e) Requiring the adoption of the best practicable option to reduce any adverse effect on the environment.

Advice notes

1. 'RRPP' means Resource Recovery Park Precinct.
2. 'Site' means all land within the Green Island Landfill designation boundary.

3. *'Stormwater' means water running off from any impervious surface such as roads, carparks, roofs, as well as any other surface run-off that is collected and/or intercepted.*
4. *'Leachate' means water containing contaminants from waste recovery and disposal.*